Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1.9
Ec762STa

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

LIBRARY
RECEIVED
★ OCT 14 1929 ★
U. S. Department of Agriculture

1.9
Ec762STa

STATISTICS AND CHARTS
OF THE RANGE LIVESTOCK INDUSTRY
With Special Reference to
Seventeen Western States

Compiled by R. D. Jennings,
Associate Agricultural Economist

Washington, D. C.
June, 1929.

1.9
Ec762Sta

STATISTICS AND CHARTS OF THE RANGE LIVESTOCK INDUSTRY

Contents

THE RANGE AREA

Page

Figure 1 - Agricultural regions of the range country..... 1
2 - Average annual precipitation..... 2
3 - Average precipitation between April 1 and September 30..... 3
4 - Daily snow cover and below zero temperatures..... 4
5 - Uses of land in western range country..... 5
6 - Western range grazing season areas..... 6
7 - Length of grazing season..... 7
8 - Native vegetation..... 8
Table 1 - Character of forage and estimated capacity of the western grazing areas..... 9-10
Figure 9 - Distribution of forage plants in Arizona and New Mexico....11
10 - Grazing areas of Nevada.....12
11 - National forests - State forests - National Parks - National Monuments, and Indian Reservations.....13
12 - Federal lands unappropriated and unreserved, July 1, 1923..14
Table 2 - Distribution of acreage of public domain, State land, National forest, and Indian reservation in western States.....15
3 - Acreage of railroad lands subject to sale or lease for agricultural purposes.....16
Figure 13- State and school lands subject to sale or lease.....17
14- Railroad lands leased for cultivation and grazing.....18
15 -Irrigated land..... 19
16- Hay production..... 20
Table 4 - Hay crops: Acreage and production of all kinds..... 21
5 - Grain and forage crops: Acreage in 17 western States, 1924..... 22
Figure 17- Forage production..... 23*
Table 6 - Hay production per animal unit in 17 western States..... 25
7 - Ranch organizations representative of different parts of the western range country..... 26-31

BEEF CATTLE SUPPLIES AND MARKET MOVEMENTS

Table 8 - Cattle: Total number and number in each class, 17 western States, January 1, 1925..... 32
Figure 18- World cattle population..... 33
19- Principal beef-producing areas in the United States..... 34
Table 9 - Number of cattle and sheep in 17 western States in Census years, 1900-1925..... 35-36
Figure 20- Cattle (excluding milk cows): Number on farms and ranges, 1860-1920..... 37
21- United States exports of beef, 1895-1928..... 38

(*) Pages 24, 46, 86, 88, and 110 purposely left blank.

Page

Table 10 - Beef: Imports and exports of principal countries..... 39
11 - Exports of live cattle from the United States and cattle and sheep imported into the United States from Canada and Mexico - 1900-1928..... 40
12 - Beef and veal: United States imports..... 41
13 - Monthly receipts of cattle and calves at principal markets and all markets, 1923-1928..... 42-45*
Figure 22 - Average annual receipts and disposition of cattle at public stockyards..... 47
23 - Cattle and calves: Receipts at and shipments from nine principal stockyards, 1890-1928, and all public stockyards, 1915-1928..... 48
Table 14 - Feeder cattle: Origin and destination of inspected shipments from public stockyards, 1920-1928..... 49-50
15 - Carlot shipments of cattle into California for recent years with State of origin..... 51-52
Figure 24 - All cattle and calves, receipts; and feeder cattle, inspected shipments - Public stockyards..... 53

CATTLE SLAUGHTER, CONSUMPTION, PRICES, AND CYCLES

Figure 25 - Total cattle slaughtered by sex..... 54
Table 16 - Meat: Estimated per capita consumption in specified countries..... 55-56
17 - Apparent per capita consumption of meats and lard in the United States..... 57
18 - Weights of wholesale and retail cuts of beef..... 57
19 - Source and season of supply of slaughter cattle for California, 1927..... 58
Figure 26 - Retail prices of fresh beef at Chicago and New York..... 59
27 - Relation between price and supply of cattle at Chicago, 1890-1928..... 60
28 - Beef steers: Price and supply by grades at Chicago..... 61
29 - Cattle prices and receipts at Chicago..... 62
Table 20 - Stocker and feeder cattle: Average price at Chicago, 1902-1928..... 63
21 - Good beef steers: Average price at Chicago, 1900-1928.... 64
22 - Stocker and feeder steers: Monthly average price at important markets, 1924-1928..... 65-66
23- Beef steers: Monthly average price at important markets..... 67-70
Figure 30 - Index numbers of prices of beef steers, lambs, wool, and all commodities..... 71
31 - Cattle: Number, slaughter, prices and beef production, 1899-1928..... 72
Table 24 - Cattle and calves: Monthly average price at Chicago of various classes and grades..... 73-82
Figure 32 - Average cost of live cattle to slaughterers and beef produced from slaughter..... 83
33 - Factors affecting the price of "good" beef steers..... 84
Table 25 - Beef: Monthly average price at London for (First Quality) English and Argentine chilled..... 85*
Figure 34 - United States price of cattle and price of steers at Chicago..... 87*

* Pages 24, 46, 86, 88, and 110 purposely left blank.

SHEEP AND WOOL SUPPLIES AND MARKET MOVEMENTS

Page

Figure 35 - Sheep and lambs: Number, and producing and feeding areas. 89
36 - Number of sheep in important countries, 1900-1929..... 90
Table 26 - Sheep: Total number and number in each class, 1925..... 91
27 - Mutton and lamb: International trade..... 92
28 - Wool, raw: Production, imports, exports, and apparent consumption in the United States, 1910-1928..... 93
29 - Wool: Estimated production by States, 1921-1928..... 94
Figure 37 - Sheep on farms and ranges..... 95
38 - Wool production - net imports and apparent consumption.... 96
39 - International trade in wool..... 97
40 - Wool prices and imports in recent years..... 98
41 - Average annual receipts and disposition of sheep and lambs at public stockyards..... 99
42 - Sheep: Receipts and shipments at public stockyards..... 100
Table 30 - Feeder sheep: Origin and destination of inspected shipments from public stockyards..... 101

CONSUMPTION AND PRICES OF LAMB AND WOOL

Table 31 - Lamb and mutton: Estimated annual slaughter, exports, imports, and consumption in the United States, 1900-1928..... 102
32 - Monthly average price of feeding lambs at important markets..... 103-104
Figure 43 - Cycles in sheep prices and numbers, 1885-1929..... 105
44 - Sheep: Number, slaughter, mutton and lamb production and prices of lambs and wool, 1900-1928..... 106
Table 33 - Lambs: Monthly average price at Chicago and Omaha, 1924-1928..... 107
34 - Rates of duty on wool - imports under the Tariff Acts, 1890-1922..... 108

GOATS AND MOHAIR

Table 35 - Number of goats and production and imports of mohair..... 109*

LIST OF CROP AND MARKET REPORTS AND PERIODICALS PUBLISHED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE OF INTEREST TO STOCKMEN.

Periodicals..... 111
Crop and market reports.
Crop and livestock Estimates..... 113
Feed..... 115
Hay..... 115
Livestock, Meats, and Wool..... 115
Tables published in Crops and Markets in 1928..... 119

* Pages 24, 46, 86, 88, and 110 purposely left blank.

FOREWORD

This report was prepared primarily for those interested in livestock extension work in the seventeen western States. It gives a statistical and graphic summary of facts relating to the supply, demand, and prices of cattle, sheep, and goats, and their products, with particular application to the range country. As far as possible the tables and graphs have been brought up to January 1, 1929. The source from which the data were obtained is given for each table and on page 111 is a list of sources of current economic information on range livestock. Most of the tables and charts may be brought up to date from time to time from this source material.

A general bibliography of 78 pages, (Bibliographical Contribution No. 19) on Cattle, Sheep, and Goat Production in the Range Country, has been prepared by the Bureau of Animal Industry and the Library of the United States Department of Agriculture. This contains a selected list of publications by the United States Department of Agriculture and by the agricultural colleges, experiment stations, and departments of agriculture of the seventeen range States.

Pages 24, 46, 86, 88, and 110 purposely left blank.

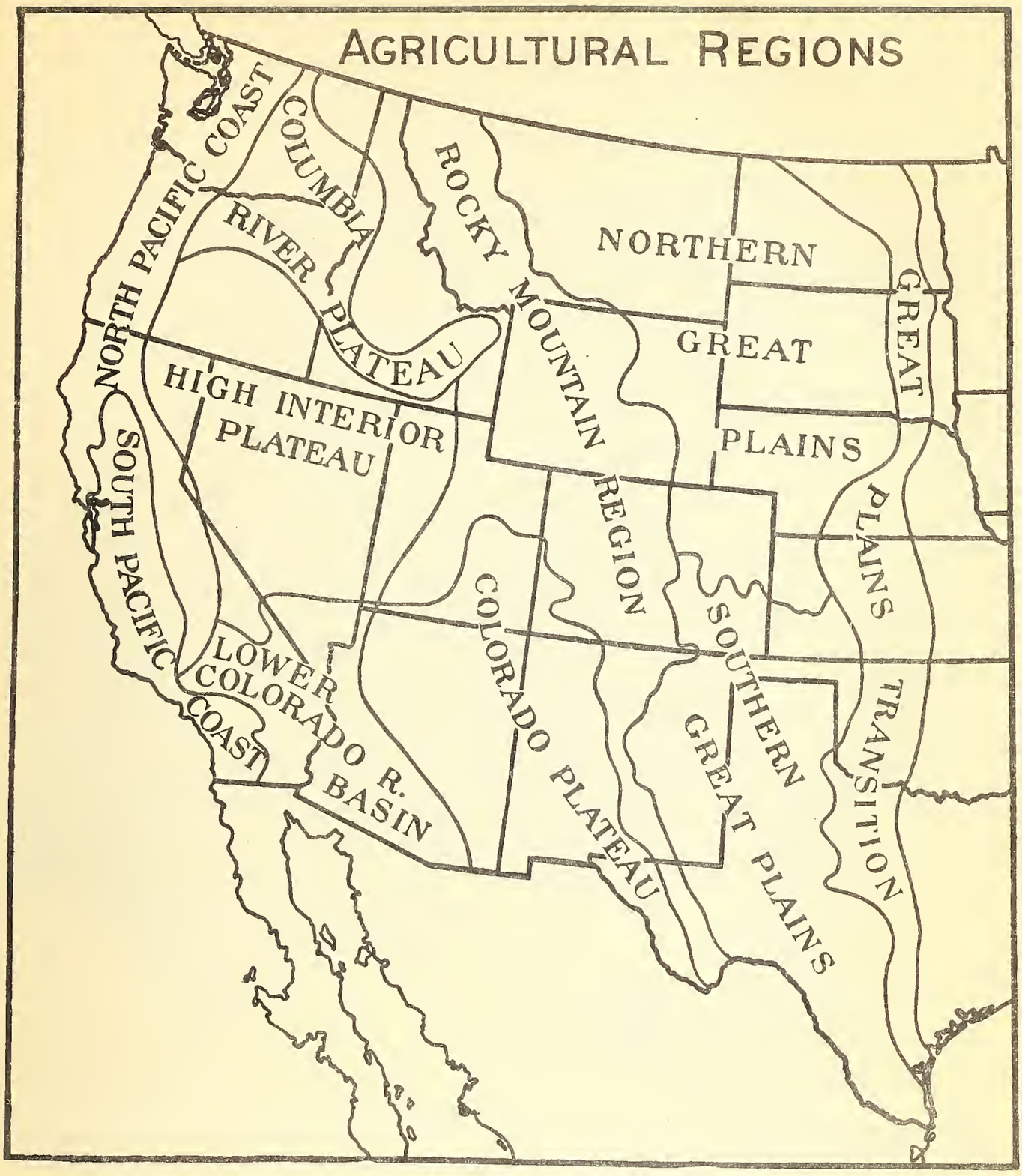


FIGURE 1. EACH OF THE REGIONS OUTLINED HAS CHARACTERISTIC DIFFERENCES THAT AFFECT MANY PHASES OF CROP AND LIVESTOCK PRODUCTION. THE REGIONS DISREGARD STATE LINES IN SUCH WAYS THAT, AT PRESENT, STATISTICS CAN NOT BE ARRANGED ON A REGIONAL BASIS

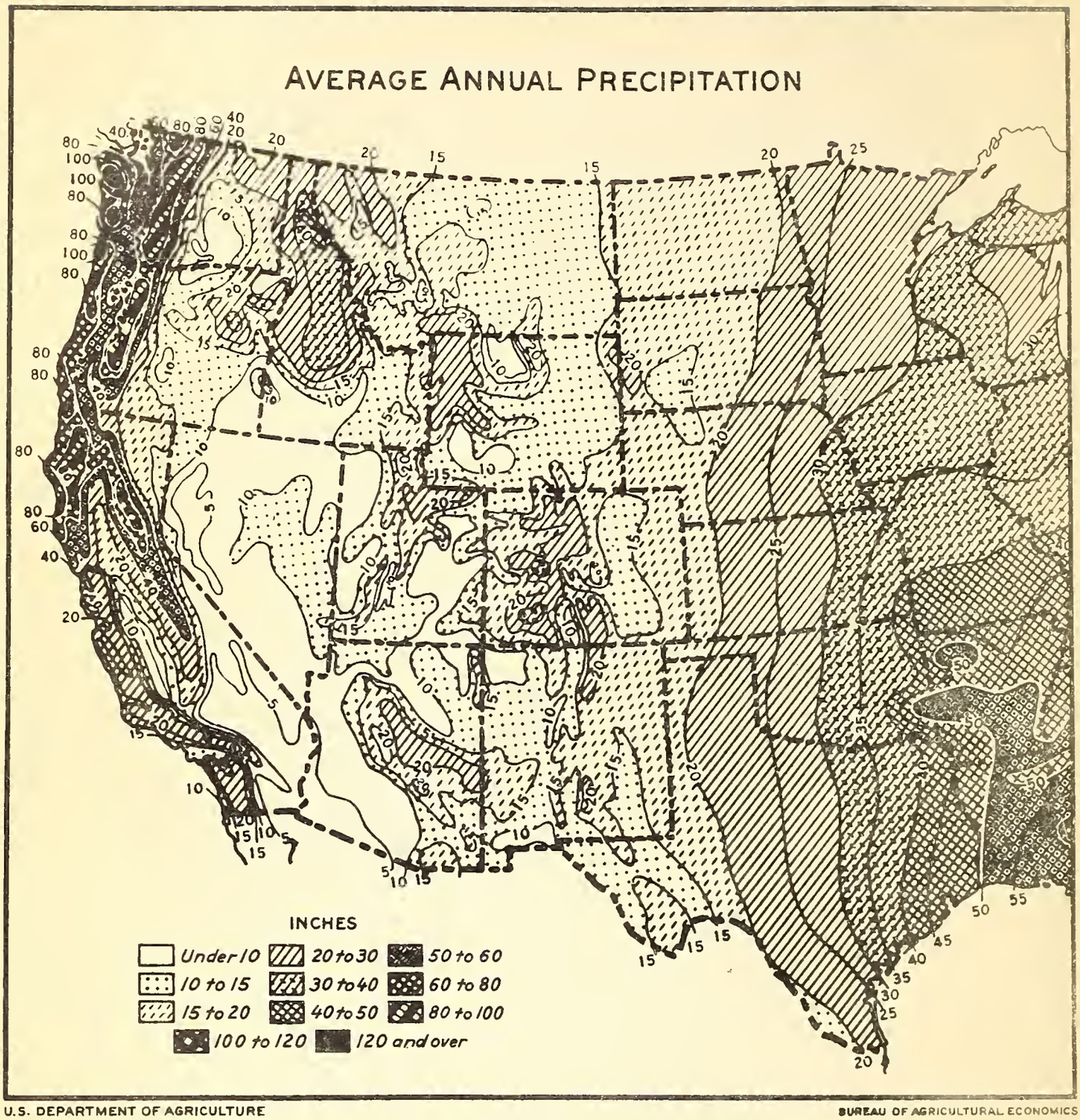


FIGURE 2. A LARGE PART OF THE RANGE COUNTRY HAS LESS THAN 15 INCHES PRECIPITATION A YEAR, BUT THE SEASONAL DISTRIBUTION SHOWS MARKED DIFFERENCES. (SEE FIGURE 4)

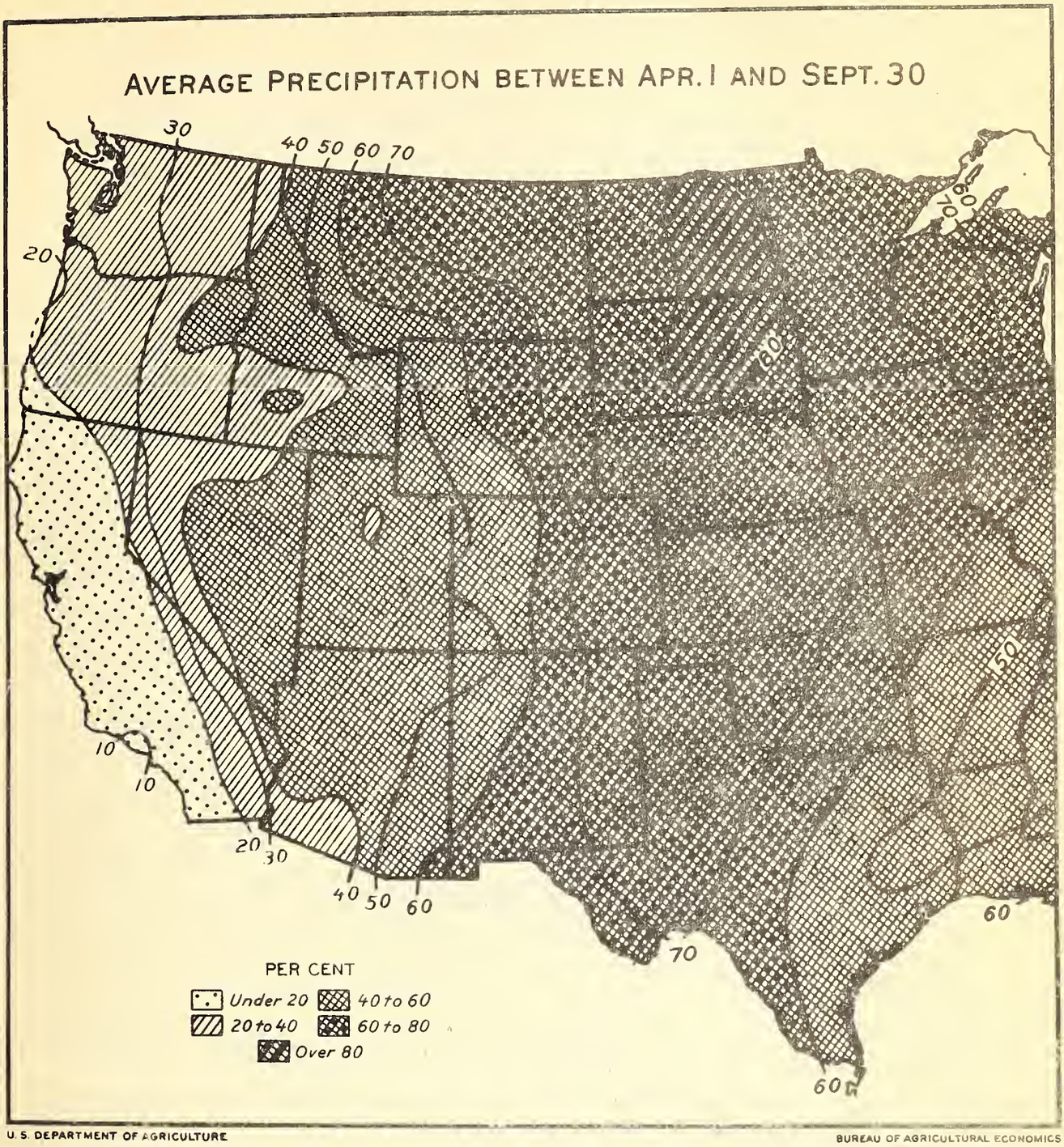


FIGURE 3. SUMMER RAINFALL IN THE WESTERN PART OF THE RANGE COUNTRY AVERAGES ABOUT 2 INCHES, EXCEPT IN A FEW SMALL SECTIONS, AND IS A SMALL PROPORTION OF THE ANNUAL PRECIPITATION. IN THE EASTERN PART OF THE RANGE COUNTRY, THERE IS A RAINFALL OF 6 TO 10 INCHES BETWEEN APRIL 1 AND SEPT. 30, BUT THIS CONSTITUTES CONSIDERABLY MORE THAN HALF OF THE ANNUAL PRECIPITATION

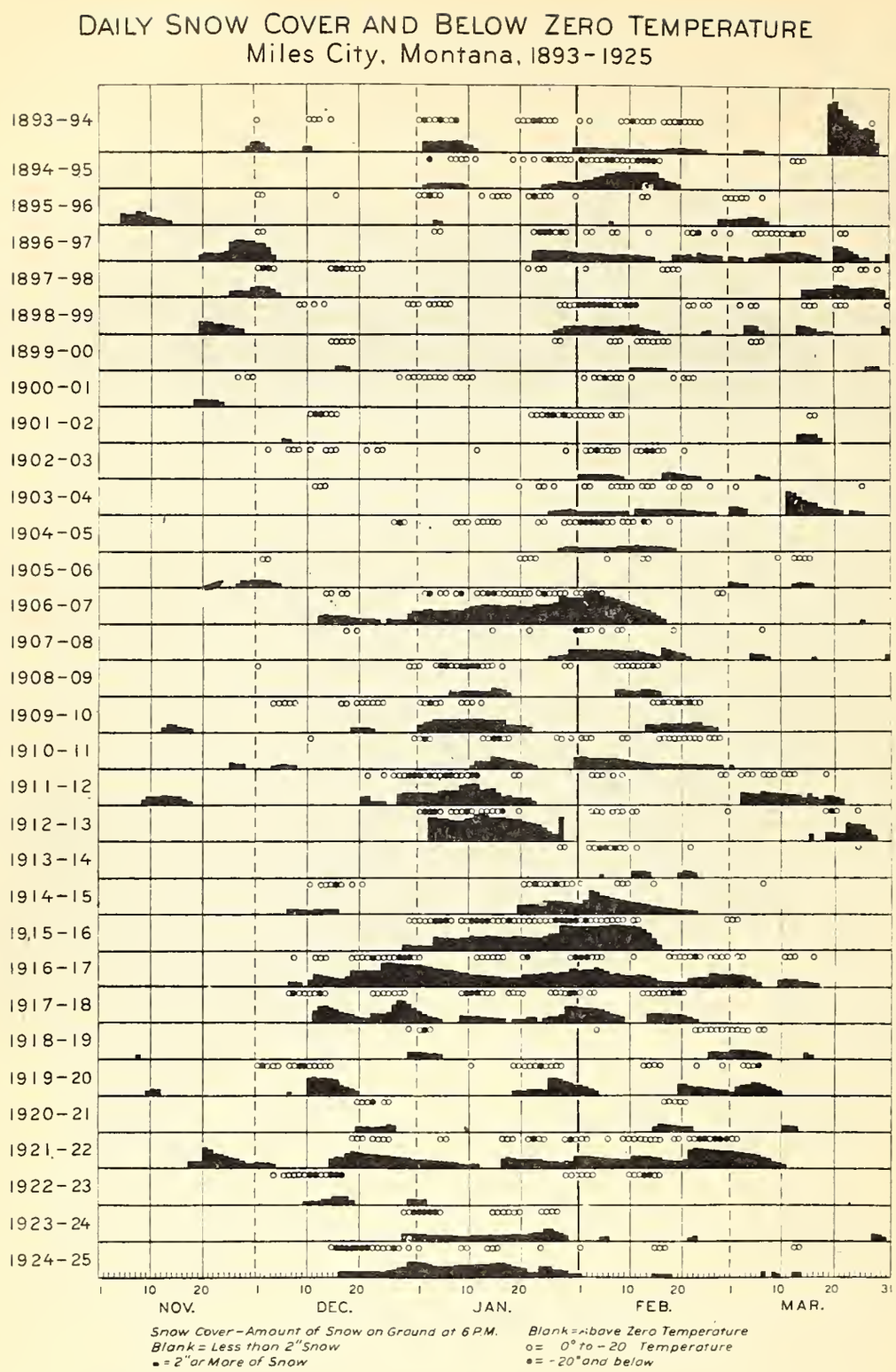


FIGURE 4. ONE OF THE HAZARDS OF THE RANGE LIVESTOCK INDUSTRY, ESPECIALLY IN THE NORTHERN GREAT PLAINS, IS HEAVY SNOWFALL ACCOMPANIED BY LOW TEMPERATURES. A RESERVE OF WINTER FEED IS NECESSARY FOR HARD WINTERS ESPECIALLY WHEN THEY FOLLOW A SUMMER OF POOR CROPS

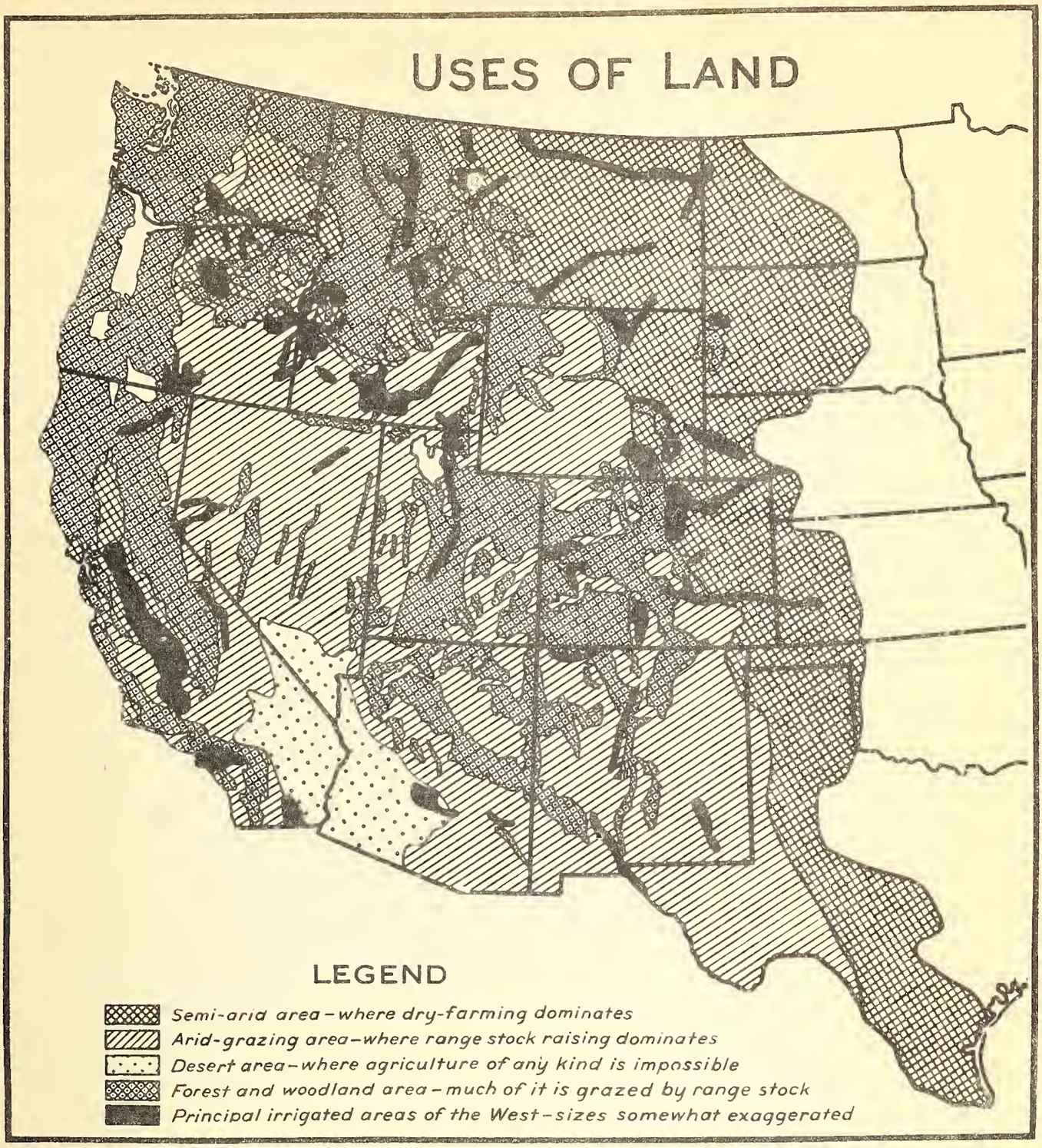

USES OF LAND
LEGEND
Semi-arid area – where dry-farming dominates
Arid-grazing area – where range stock raising dominates
Desert area – where agriculture of any kind is impossible
Forest and woodland area – much of it is grazed by range stock
Principal irrigated areas of the West – sizes somewhat exaggerated

FIGURE 5. PRESENT DISTRIBUTION OF DOMINANT AGRICULTURAL USES OF LAND IN THE WESTERN RANGE COUNTRY EMPHASIZES THE DIFFICULTY OF SATISFACTORY GENERALIZATIONS EXCEPT THOSE DEPENDENT ON CAREFUL CLASSIFICATION OF THE LAND OR FOR AREAS HAVING LIKE CONDITIONS THROUGHOUT THEIR EXTENT

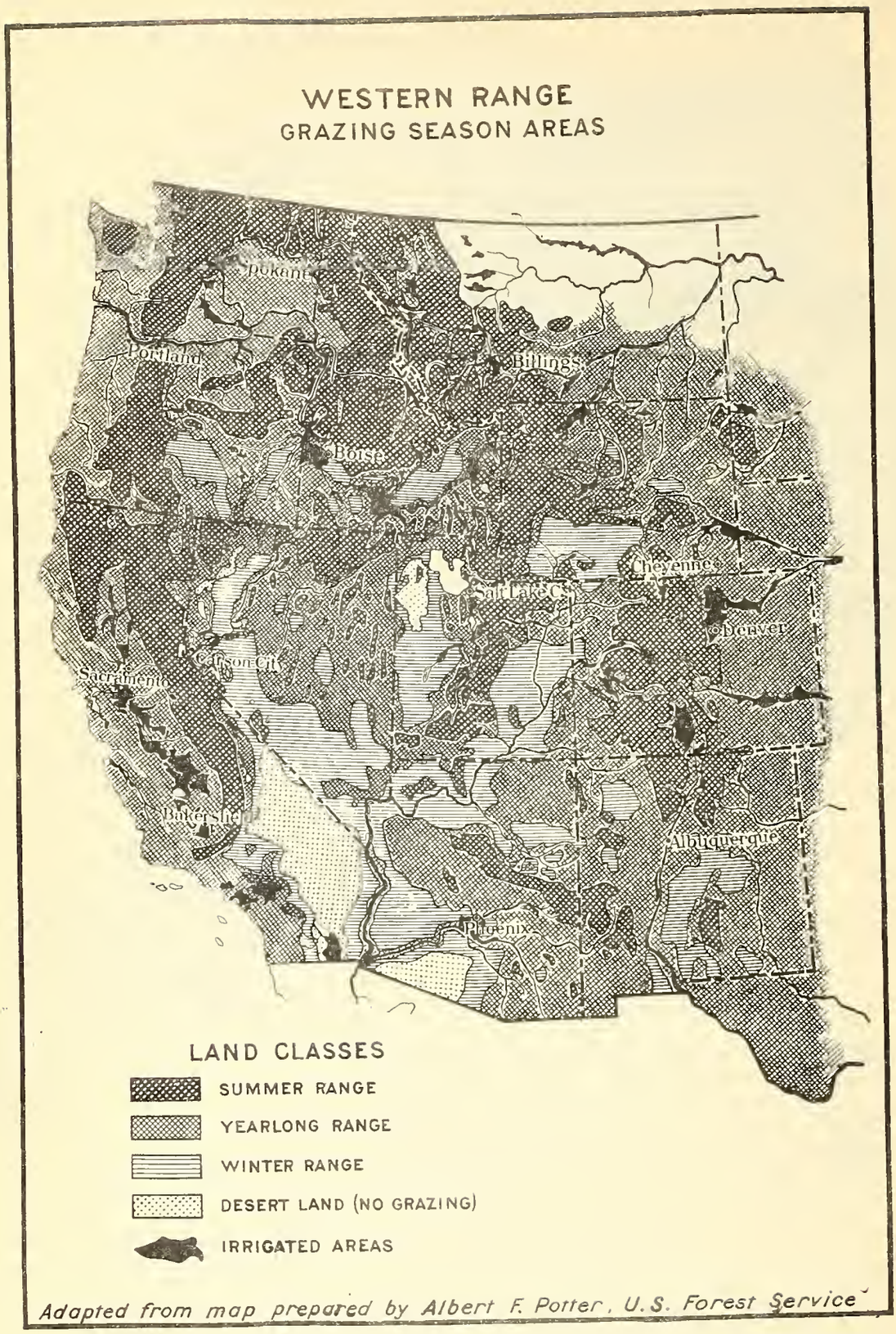


FIGURE 6. DISTINCT DIFFERENCES IN RANGE USE ARE EMPHASIZED IN THIS MAP. THE MOUNTAIN SECTIONS, WITH SUMMER RANGE ONLY, FURNISH GRAZING FOR LARGE NUMBERS OF ANIMALS

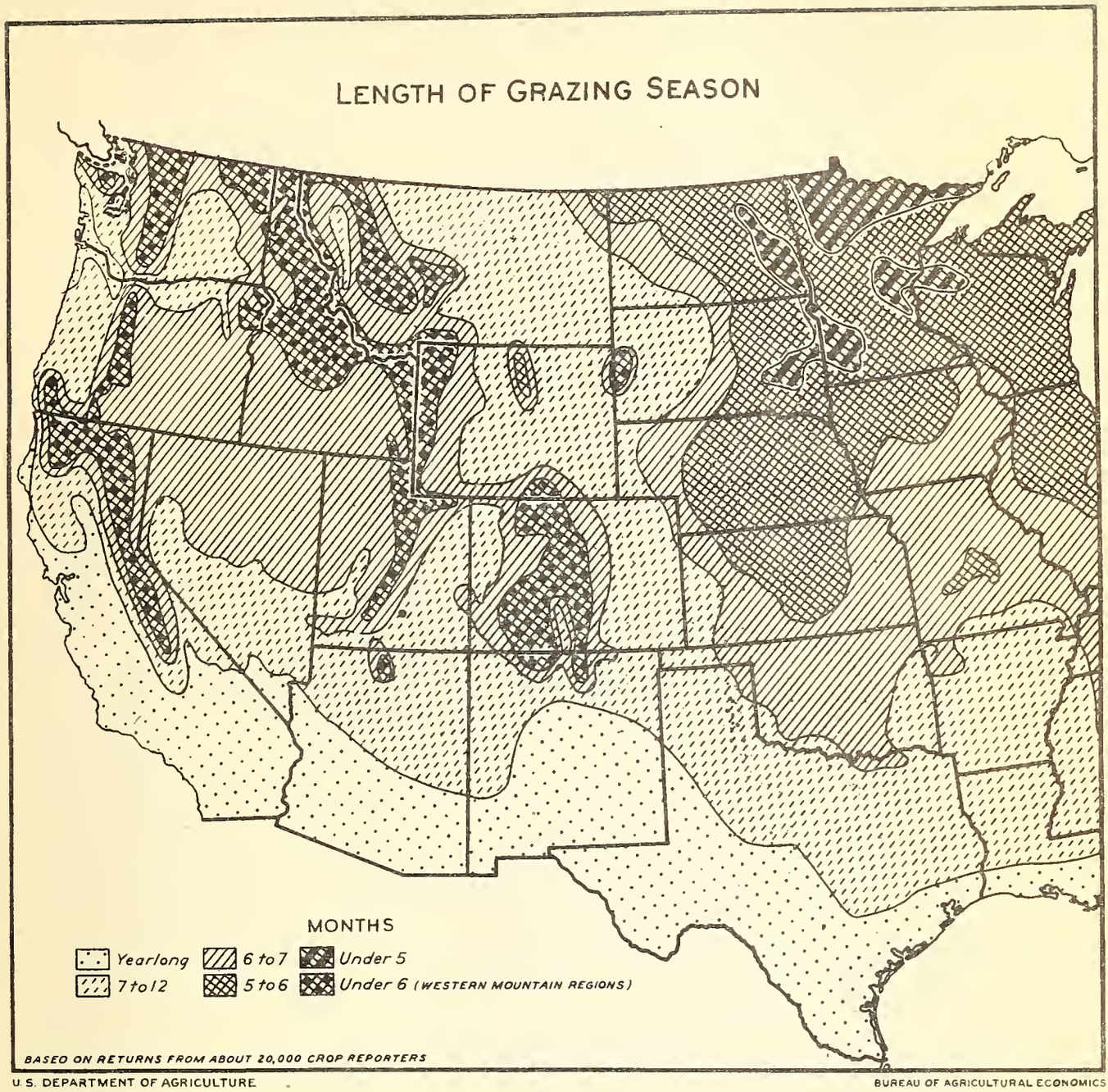


FIGURE 7. THE GEOGRAPHIC DISTRIBUTION OF GRAZING LAND ACCORDING TO THE LENGTH OF THE GRAZING SEASON IS SHOWN BY THIS MAP

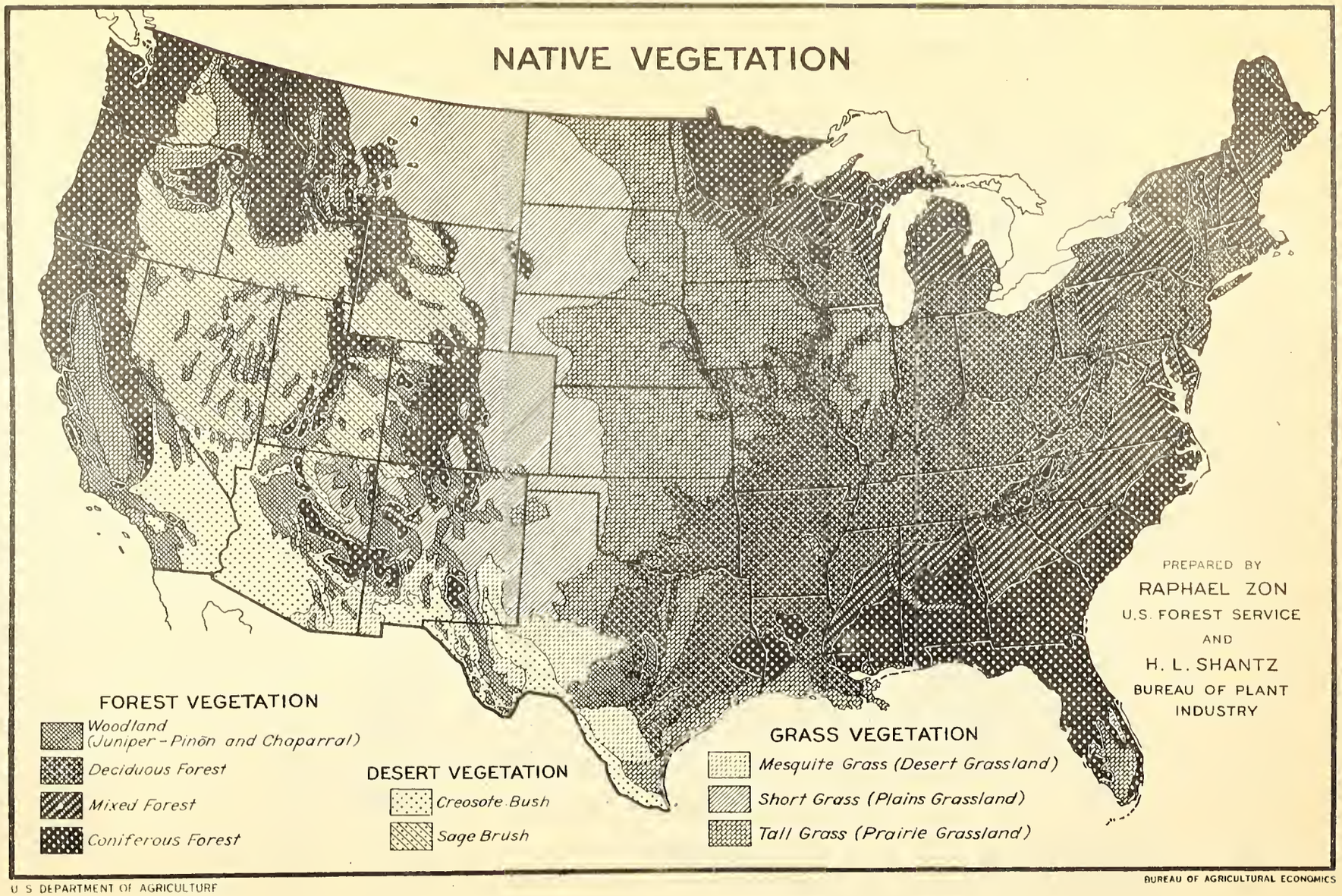


FIGURE 8. THE FOREST AND DESERT VEGETATION OF MOST OF THE WESTERN RANGE COUNTRY MEANS RELATIVELY LOW CARRYING CAPACITY COMPARED WITH THE SHORT GRASS OF THE PLAINS REGION

Table 1. Character of forage and estimated capacity of the western grazing areas of the United States

Area	Chief forages	Length of season	Area to support a cow
		Months	Acres
Northern Great Plains	Grama, buffalo, needle, and wheat grasses	5 to 10	10 to 30
Southern Great Plains	Grama, buffalo, bluestem, beard, and mesquite grasses; scrub oaks	8 to 12	15 to 35
Black Hills	Grama, buffalo, and bluestem grasses	3 to 5	25 to 30
Central Rocky Mountains	Blue, fescue, wheat, brome, and redtop grasses; Baltic rush; and "weeds." 1/	3 to 6	15 to 25
New Mexico - Arizona Mountains	Grama, fescue, beard, and wheat grasses; scrub oak, mountain mahogany	5 to 8	12 to 25
West-central Montana foot hills and high plains	Fescue, wheat, blue June, Porcupine, brome, grama grasses	5 to 7	15 to 30
Northern Rocky Mountains	Pine, wheat, blue, brome, and fescue grasses	3 to 6	20 to 150
Central Idaho	Pine, wheat, brome, fescue, and blue grasses	3 to 7	25 to 30
Wasatch, Uinta, and Wyoming Mountains	Wheat, porcupine, fescue, and blue grasses - bluebells and other "weed" 1/; browse	3 to 7	8 to 25
Northeastern, Nevada, southern Idaho, and central Oregon	Wheat, blue, and fescue-grasses; sagebrush, shadscale, greasewood	4 to 8	35 to 40
East-central Nevada Mountains	Wheat, blue, and fescue grasses; browse	4 to 6	25 to 50
Wyoming semideserts	Salt grasses; sagebrush, shadscale, greasewood	2 to 6	35 to 100
Utah, Nevada, Arizona deserts	Salt, grama, three-awn, and annual grasses; annual "weed" 1/; sagebrush, winter fat, greasewood, shadscale, mesquite, paloverde, cacti	2 to 5	50 to 150
New Mexico-Arizona foothills and basins	Grama, tobosa, galleta, three-awn, muhlenbergia and salt grasses; sagebrush, shinnery, and other browse	4 to 12	15 to 75
San Luis Valley of Colorado	Blue, salt, and fescue grasses; Baltic rush; sagebrush	7 to 9	30 to 40
Utah foothills and valleys	Wheat, porcupine, and June grasses; sagebrush	5 to 7	20 to 30
Nevada semideserts	Salt, and lyme grasses; greasewood, shadscale, sagebrush	1 to 4	75 to 150
Southeastern Oregon and Snake River plains	Fescue, wheat, and lyme grasses; sagebrush	2 to 5	50 to 100

1/ On the range "weeds" refers to miscellaneous herbaceous plants.

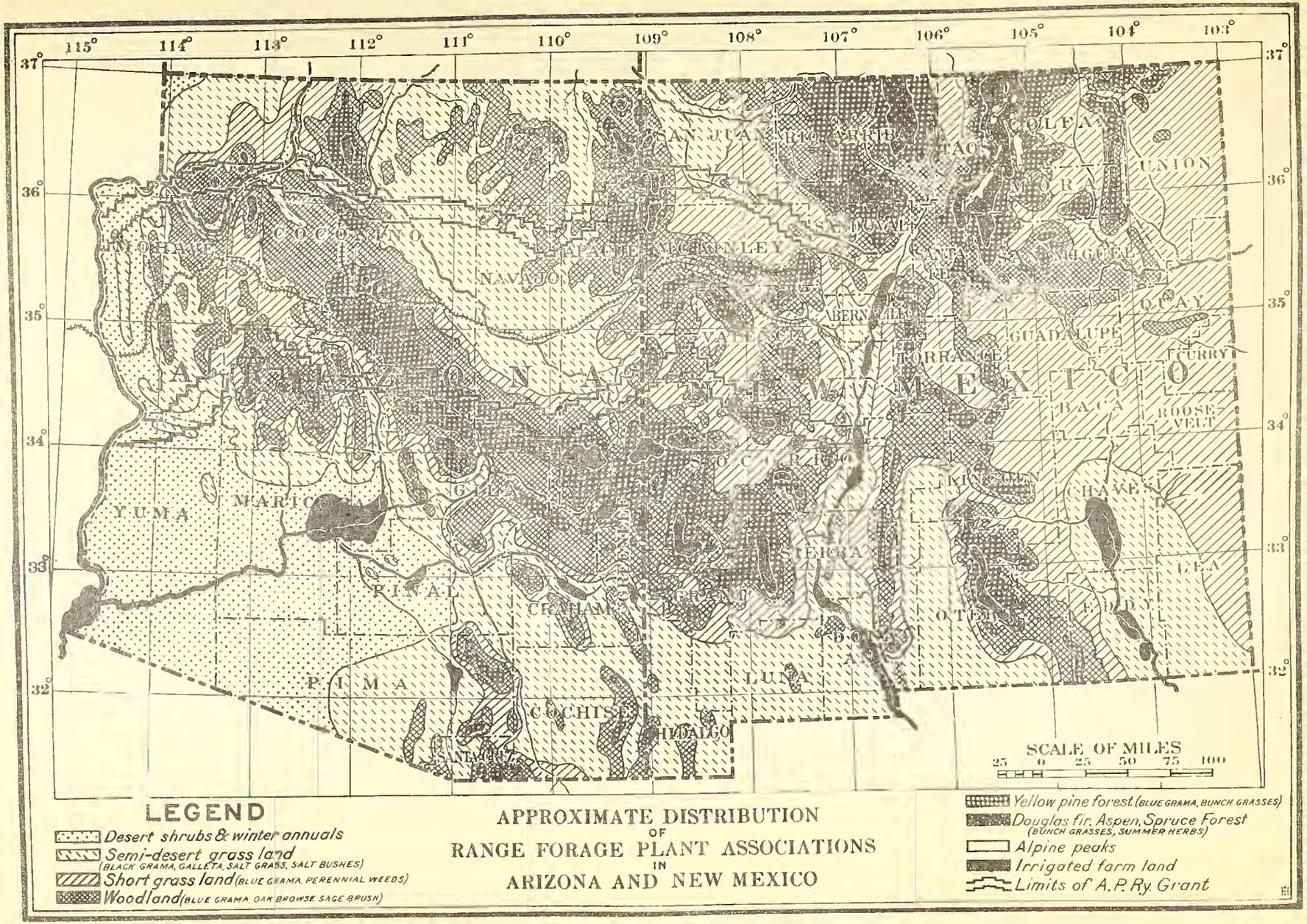


FIGURE 9. THIS SHOWS IN CONSIDERABLE DETAIL THE DISTRIBUTION OF VARIOUS FORAGE PLANTS IN NEW MEXICO AND ARIZONA

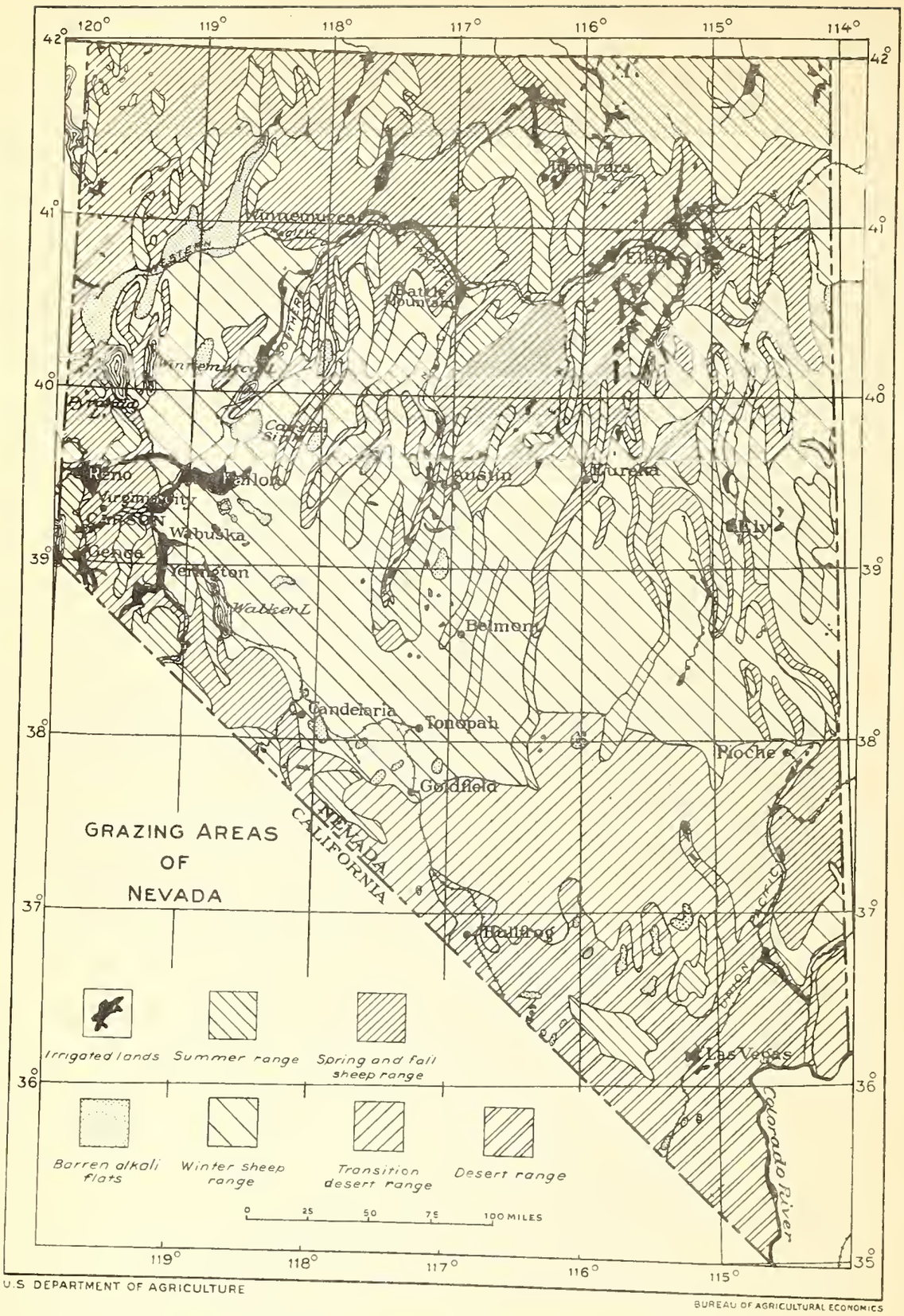


FIGURE 10. THE DIFFERENT CLASSES OF GRAZING LAND IN NEVADA ARE SHOWN IN THIS MAP

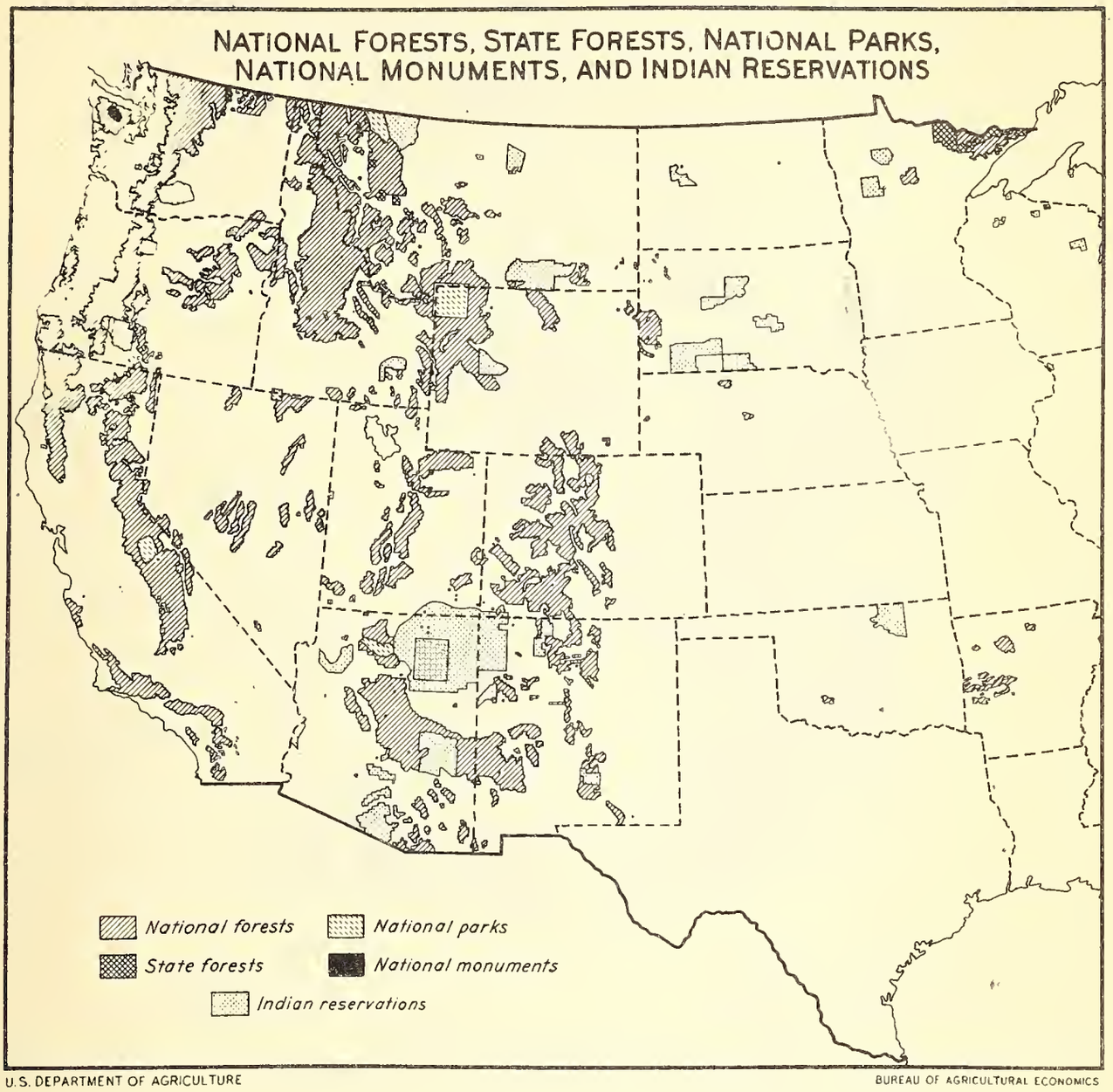


FIGURE 11. NATIONAL FORESTS AND INDIAN RESERVATIONS FURNISH A CONSIDERABLE PART OF THE GRAZING IN THE WESTERN STATES

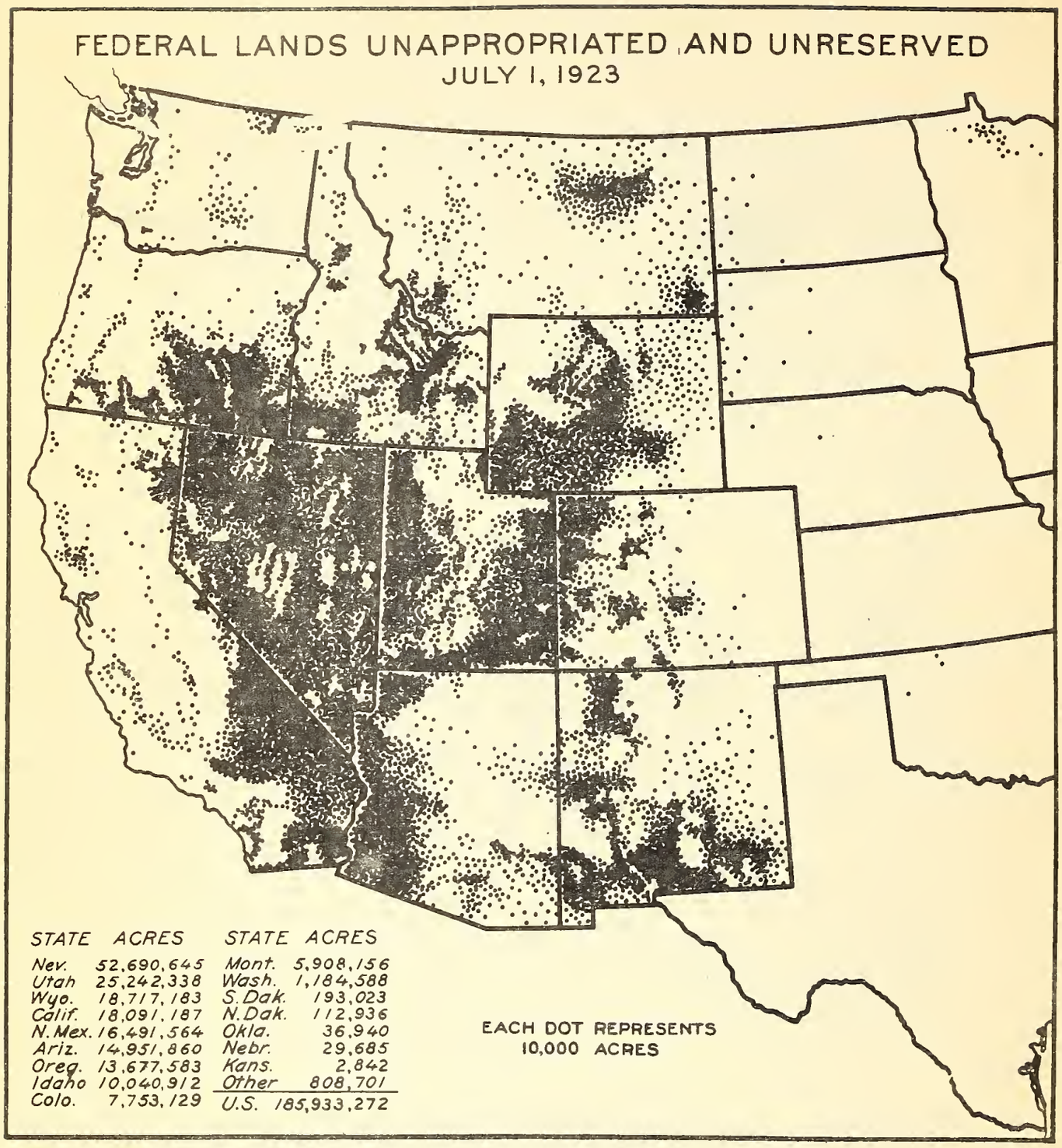


FIGURE 12. CONTROL OF THE PUBLIC DOMAIN IS ONE OF THE PROBLEMS WITH WHICH WESTERN RANCHERS ARE VITALLY CONCERNED

Table 2. Distribution of acreage of Public Domain, State Land, National Forest, and Indian Reservation in 17 western States.

State	Public Domain 1/	State Land 2/	National Forests 3/	Indian Reservation 4/
	Acres	Acres	Acres	Acres
Arizona	18,090,711	7,500,662	11,336,462	21,690,240
California	20,667,431	738,171	18,971,409	431,360
Colorado	7,398,407	3,113,607	13,234,380	396,160
Idaho	10,990,470	2,444,700	19,097,789	57,600
Kansas	- -	- -	- -	1,280
Montana	6,696,924	4,349,570	15,919,690	767,360
Nebraska	32,611	1,624,558	205,945	7,680
Nevada	53,935,693	480	4,979,146	760,320
New Mexico	16,399,031	8,689,796	8,508,539	2,099,200
North Dakota	153,237	1,546,985	- -	1,280
Oklahoma	28,772	620,000	61,480	33,280
Oregon	13,258,430	676,918	13,238,092	1,114,880
South Dakota	300,956	2,894,036	1,062,581	313,600
Texas	- -	2,000,000 5/	- -	- -
Utah	26,872,218	2,493,399	7,484,522	336,640
Washington	896,207	2,472,533	9,625,266	915,840
Wyoming	19,849,762	3,588,772	8,548,234	1,855,360

1/ Statistical Abstract of United States, Department of Commerce - 1926, Table 134.

2/ Farmers' Bulletin 1271 - page 38.

3/ 1927 Yearbook, United States Department of Agriculture, Table 547, page 1197.

4/ Statistical Abstract of United States, Department of Commerce - 1926, p. 122.

5/ Under control of State University.

Table 3. Acreage of railroad lands subject to sale or lease for agricultural purposes

Railroad Company and Location	In State named	Group total
	Acres	Acres
Northern Pacific:		
Wisconsin, Minnesota, North Dakota, Wyoming, Washington, Idaho, & Montana:		
Oregon		963,787
Atchison, Topeka, and Santa Fe:		
Texas	90,000	
Kansas	5,275	
California and Arizona	8,600	
New Mexico	4,700,000	4,803,875
St. Louis and San Francisco:		
Texas	7,836	7,836
Southern Pacific		480,000
Union Pacific:		
Nebraska	11,445	
Colorado	27,141	
Wyoming	866,289	
Utah	14,387	
Kansas	2,170	921,432

Farmers' Bulletin 1271, page 45.

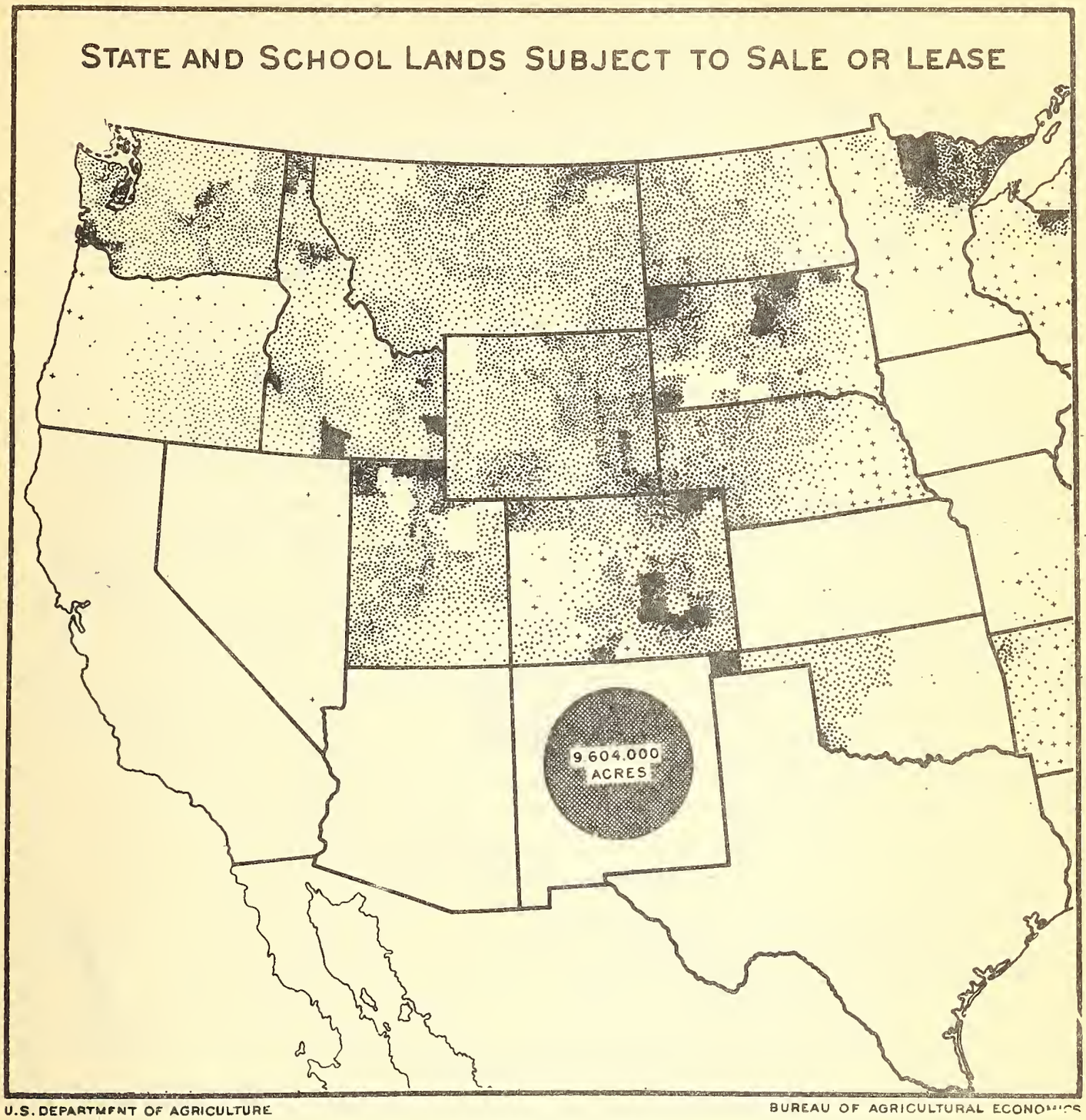

STATE AND SCHOOL LANDS SUBJECT TO SALE OR LEASE
9,604,000 ACRES
U.S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 13. STATE AND SCHOOL LANDS FURNISH A CONSIDERABLE PART OF THE GRAZING IN MANY WESTERN STATES. EACH DOT REPRESENTS 2,000 ACRES

RAILROAD LANDS LEASED FOR
CULTIVATION AND GRAZING, 1923
EXCEPT ARIZ. AND N. MEX. = 1919
17 WESTERN STATES
MOST IMPORTANT LANDOWNING RAILROADS ONLY
EACH DOT REPRESENTS
5,000 ACRES

FIGURE 14. RAILROAD LAND IS STILL AVAILABLE AND MUCH OF IT IS USED FOR GRAZING

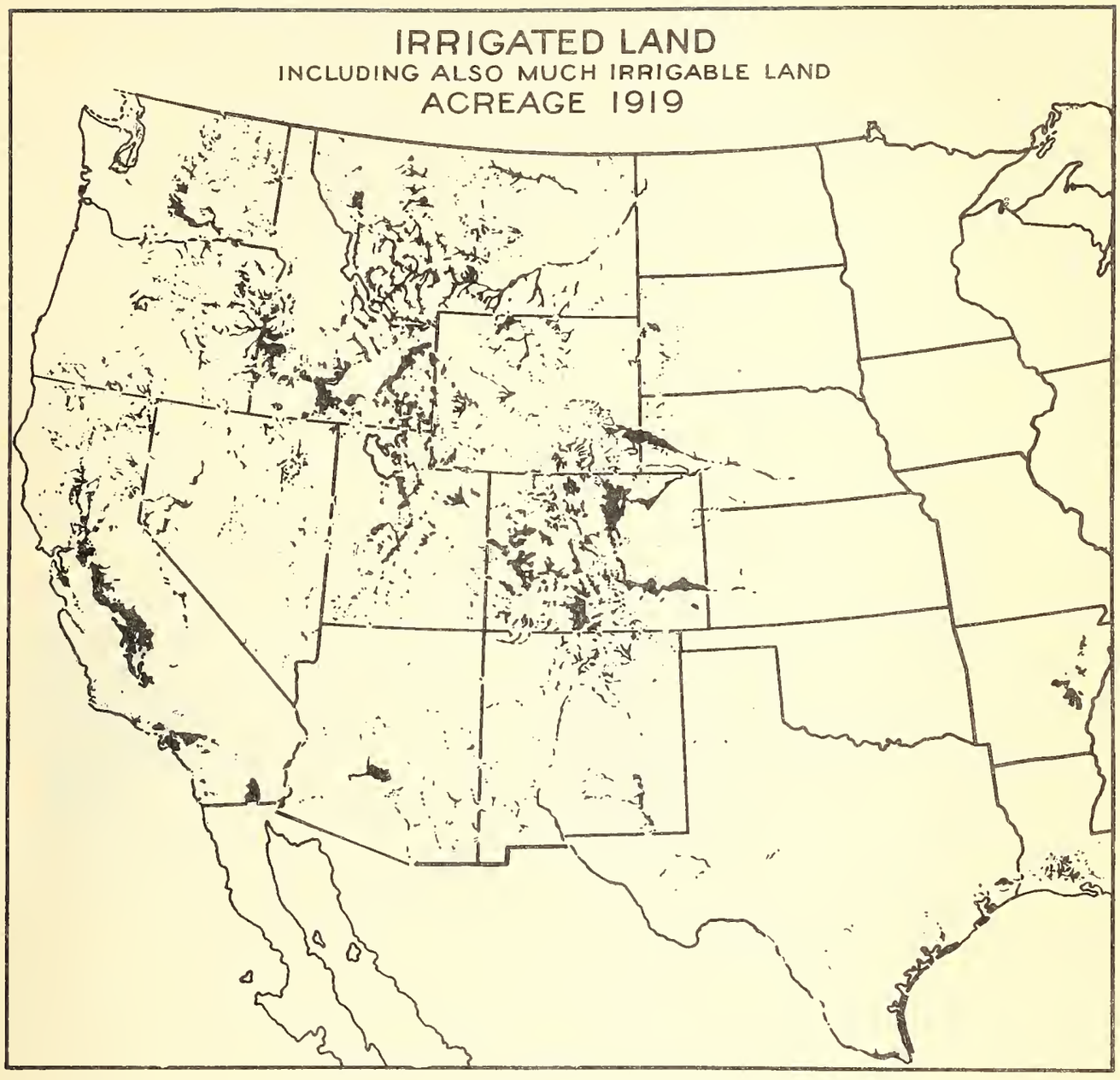


FIGURE 15. THE SMALL PERCENTAGE OF IRRIGATED LAND IS WIDELY DISTRIBUTED AND IS USED AS WINTERING AREAS FOR SHEEP AND CATTLE AS WELL AS FOR GENERAL CROP PRODUCTION

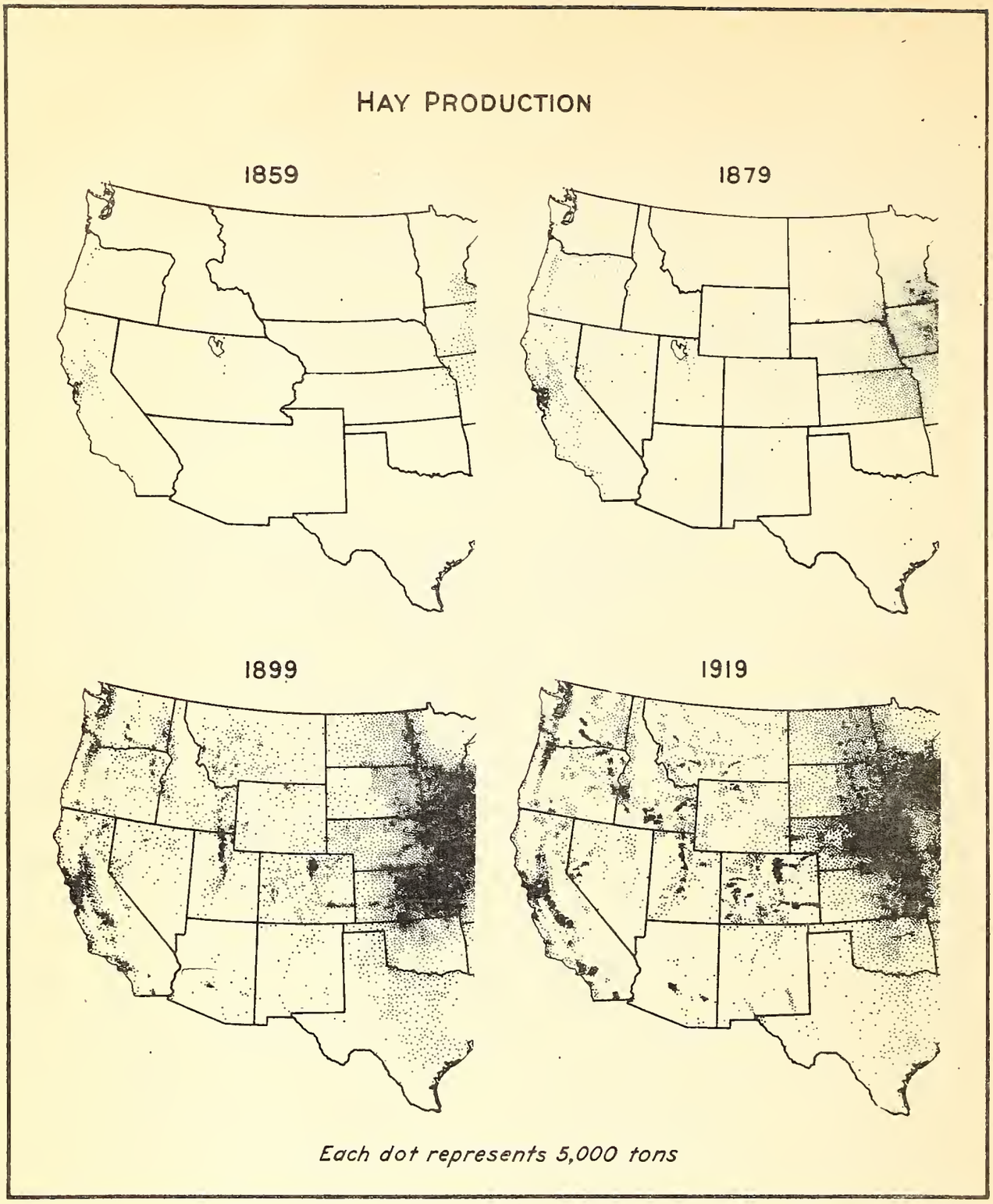


FIGURE 16. IN THE RANGE COUNTRY MORE HAY IN PROPORTION TO THE NUMBER OF CATTLE IS GROWN IN RECENT YEARS THAN WAS TRUE 30 OR 50 YEARS AGO WHEN CATTLE HAD TO LIVE ON THE OPEN RANGE.

Table 4. Hay Crops: Total acreage and production of all kinds in 17 western States, 1924.

State	Total acreage	Timothy alone	Timothy and clover	Clover, red, alsike, mammoth	Clover, Sweet, crimson, Japan
	Acres	Acres	Acres	Acres	Acres
Arizona	149,432	601	629	31	688
California	1,821,623	3,985	19,867	3,144	4,826
Colorado	1,621,689	28,514	125,335	1,934	14,765
Idaho	1,162,332	56,241	97,083	38,197	6,143
Kansas	2,569,886	67,173	106,123	70,554	68,521
Montana	1,872,994	100,117	157,186	8,979	41,350
Nebraska	4,965,137	25,202	154,411	86,466	115,506
Nevada	332,682	7,731	12,759	33	1,648
New Mexico	204,779	3,615	3,616	318	1,223
North Dakota	2,913,643	75,634	34,145	12,664	168,502
Oklahoma	1,017,293	8,434	10,479	2,074	17,811
Oregon	1,059,249	15,663	66,683	105,621	6,391
South Dakota	4,038,805	70,897	92,084	11,533	93,323
Texas	659,894	12,456	1,085	332	2,101
Utah	607,499	8,349	20,159	897	2,346
Washington	965,824	37,926	161,613	19,373	3,050
Wyoming	1,017,205	28,944	74,277	1,871	12,863

State	Alfalfa	Other tame grasses	Small grains	Annual legumes	Wild grasses cut on farms	Hay production all kinds, tame and wild
	Acres	Acres	Acres	Acres	Acres	Tons
Arizona	109,951	8,005	26,031		3,496	386,984
California	739,457	85,853	850,829	43	113,619	3,632,789
Colorado	874,776	126,346	88,169	188	361,662	2,510,279
Idaho	724,733	33,415	107,430	332	98,758	1,879,747
Kansas	980,806	224,842	42,344	6,480	1,003,143	3,778,014
Montana	599,128	102,544	190,378	---	673,318	2,087,773
Nebraska	1,364,946	185,380	31,617	536	3,001,063	5,196,962
Nevada	140,655	40,358	1,440	---	128,058	465,886
New Mexico	117,537	25,867	19,997	531	32,075	475,081
North Dakota	116,279	321,276	210,073	431	1,974,639	2,590,246
Oklahoma	225,171	180,069	32,049	10,348	530,858	1,625,789
Oregon	344,254	102,430	399,661	162	118,394	1,483,865
South Dakota	709,578	75,348	45,526	404	2,940,312	3,030,939
Texas	44,481	365,791	46,376	29,132	158,140	2,528,415
Utah	466,506	33,267	5,775	168	70,032	1,158,793
Washington	249,116	59,273	408,546	767	26,160	1,462,532
Wyoming	387,601	74,929	57,122	122	379,476	1,177,675

Census of 1925. County Table IV.

Table 5. Grain and forage crops: Acreage in 17 western states, 1924.

State	Corn				Oats	
	Total acreage	Harvested for grain	Cut for silage	Cut for fodder	Hogged off	Threshed for grain	Cut and fed unthreshed
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Arizona	30,693	16,943	3,280	7,300	3,170	4,850	2,555
California	79,413	35,779	17,205	9,872	16,557	79,057	41,107
Colorado	1,396,019	1,062,751	48,402	123,572	161,294	195,214	26,872
Idaho	63,324	36,551	7,810	8,624	10,339	132,442	13,096
Kansas	6,020,524	5,464,915	100,814	328,563	126,232	1,250,923	69,231
Montana	398,420	80,120	7,819	148,050	162,431	455,385	83,863
Nebraska	8,717,542	7,979,871	35,708	176,410	525,553	2,287,941	51,130
Nevada	1,725	574	516	173	462	1,831	261
New Mexico	215,811	165,354	3,507	37,942	9,008	35,034	19,433
North Dakota	1,320,202	253,177	70,787	668,814	327,424	2,524,380	91,198
Oklahoma	2,725,604	2,662,111	7,678	29,456	26,359	1,019,886	150,427
Oregon	58,131	19,867	23,022	9,572	5,670	259,604	14,955
South Dakota	4,815,162	3,460,120	54,061	606,913	694,068	2,799,488	34,837
Texas	3,686,581	3,615,583	4,296	37,408	29,294	1,212,817	193,890
Utah	15,102	7,289	2,836	2,634	2,343	49,420	1,956
Washington	40,383	15,795	11,061	10,497	3,030	146,125	22,208
Wyoming	179,523	82,732	2,576	36,679	57,536	104,268	16,764

State	Wheat	Barley	Flax	Rye	Sorghum		Dry edible beans
					Harvested for grain	Cut for silage, hay or fodder	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Arizona	32,162	16,899	- - -	172	8,365	6,264	5,565
California	358,537	751,931	- - -	- - -	35,829	- - -	206,245
Colorado	1,306,208	302,868	6,332	75,360	37,027	228,176	278,283
Idaho	809,204	116,910	355	2,596	- - -	- - -	65,221
Kansas	9,716,922	446,862	56,564	30,538	1,130,209	881,646	- - -
Montana	3,102,879	93,327	244,398	36,725	- - -	2,865	22,188
Nebraska	3,007,217	235,600	2,840	158,538	7,880	164,264	3,163
Nevada	13,862	5,819	- - -	196	- - -	- - -	- - -
New Mexico	207,632	7,648	- - -	754	134,069	155,030	175,033
North Dakota	8,322,558	1,468,344	1,873,744	1,243,889	209	3,171	1,087
Oklahoma	3,509,372	210,199	573	26,154	914,020	696,878	2,384
Oregon	859,541	58,703	- - -	8,475	- - -	- - -	948
South Dakota	2,364,447	788,600	548,236	235,620	1,647	9,099	920
Texas	1,311,776	166,126	- - -	- - -	1,199,734	1,364,693	- - -
Utah	194,540	13,773	- - -	3,869	- - -	- - -	278
Washington	1,746,653	66,877	- - -	5,557	- - -	- - -	930
Wyoming	136,253	21,493	642	44,452	- - -	3,061	8,353

Census of 1925. County Table IV.

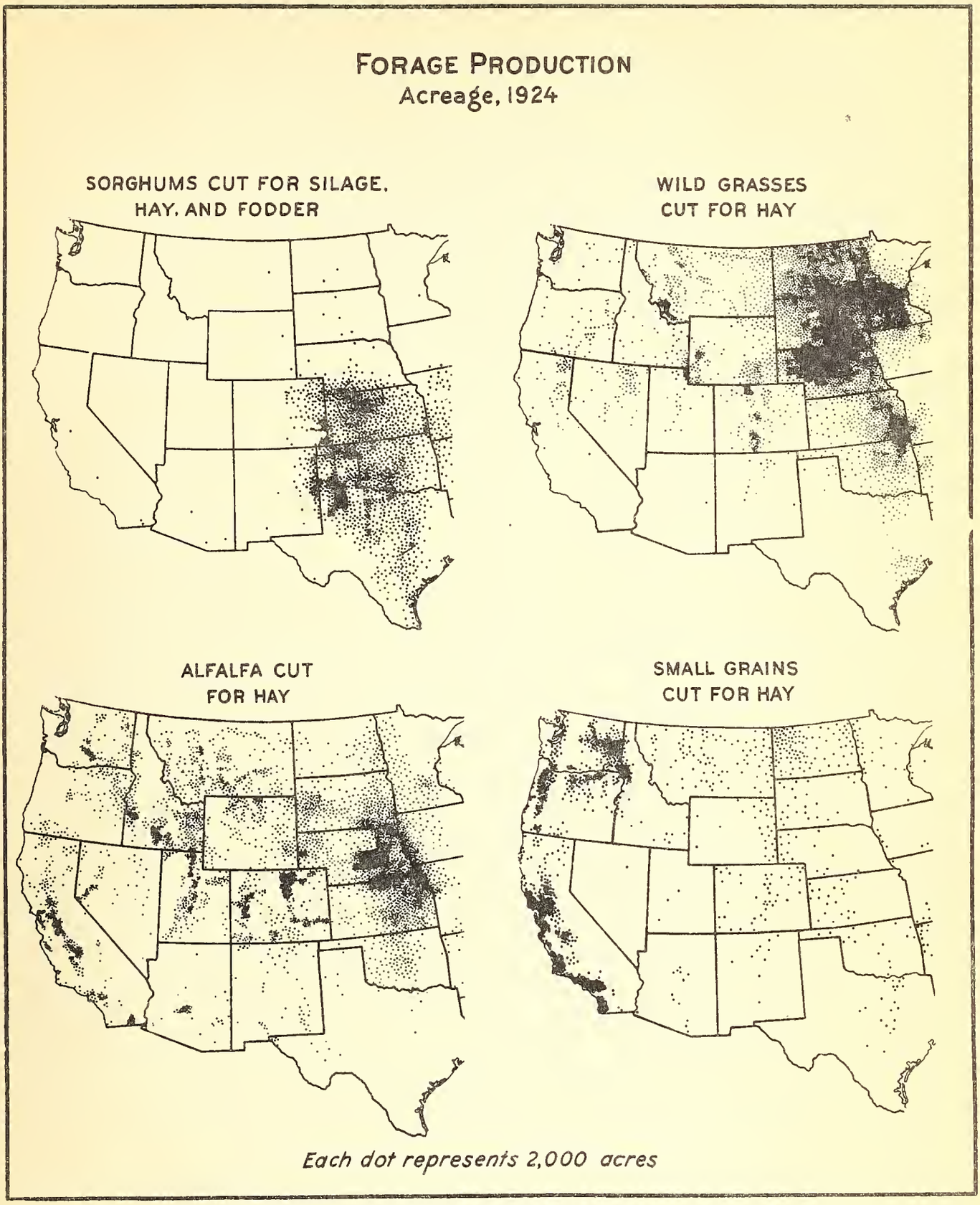

FORAGE PRODUCTION
Acreage, 1924
SORGHUMS CUT FOR SILAGE, HAY, AND FODDER
WILD GRASSES CUT FOR HAY
ALFALFA CUT FOR HAY
SMALL GRAINS CUT FOR HAY
Each dot represents 2,000 acres

FIGURE 17. WILD HAY, ALFALFA, SMALL GRAINS, CORN, AND SORGHUM FODDER FURNISH THE BULK OF THE WINTER FEED FOR RANGE LIVESTOCK

Table 6. Hay production per animal unit (of cattle, horses, sheep and goats) in 17 western States, census years, 1900 - 1925. 1/.

State	1900	1910	1920	1925
	Tons	Tons	Tons	Tons
Arizona	.16	.20	.35	.28
California	1.20	1.31	1.45	1.33
Colorado	.79	1.18	1.09	1.16
Idaho	.89	1.42	1.67	1.72
Kansas	.75	1.00	.99	.88
Montana	.48	.82	.60	.93
Nebraska	.79	1.33	1.23	1.19
Nevada	.70	.75	1.02	.73
New Mexico	.10	.18	.22	.27
North Dakota	1.50	1.96	1.31	1.22
Oklahoma	.24	.34	.50	.61
Oregon	.74	1.04	1.33	1.15
South Dakota	1.07	1.52	1.19	1.06
Texas	.06	.06	.12	.30
Utah	.83	1.17	1.12	1.21
Washington	1.00	1.62	1.78	1.58
Wyoming	.30	.50	.65	.88
Seventeen States	.53	.80	.85	.86

Computed from Census reports.

1/ Hay production is reported as of the calendar year preceding date of Census.

Number of animals on farms on Census dates.

The animal unit used in the computation is taken as all horses and cattle, 1.0; all sheep, .14; all goats, .14.

Table 7. Ranch organizations representative of different parts of the Western Range Country

Item	Unit	Northern Great Plains: Southwest North Dakota	Northern Great Plains: Southwest North Dakota	Northern Great Plains: Northeast Wyoming	Utah: West Central Utah	Colorado: Southwest Colorado	Colorado: Southeast Colorado
Type of ranch		50-cow ranch with feed and cash crops	200-cow ranch with feed, grain and cash crops	400-cow ranch with no feed or cash crops	Small cattle ranch using P.D. and N.F.	Large mountain ranch	Dry farming plains ranch
Year of study		1924	1924	1924	1925	1925	1925
Total investment	Dolls.	30,488	86,075	63,327	27,451	76,889	41,877
Total months of labor	Mos.	55	60	33	30	53	33
Size and tenure:							
Owned	Acres	2,000	5,200	5,000	1,410	2,040	1,840
Leased	"	2,100	7,460	10,240	- -	320	7,640
Uses of land:							
Range land	"	3,733	11,580	15,055	1,280	1,360	9,430
Hay land	"	98	920	185	90	1,000	50
Other feed crops	"	190	60	- -	11	- -	- -
Cash crops	"	79	100	- -	29	- -	- -
Acreage in forage crops:							
Alfalfa	"	18	200	110	90		
Wild hay	"	-	600	75		1,000	50
Grain for hay	"	80	120 1/				
Sorghum fodder	"	60	-	-			
Use of National Forest:			Indian Reserv.				
Cattle:	No.		236		27	600	
Date on		-	4/1	-	6/15	4/16	-
Date off		-	11/1	-	10/1	12/31	-
Sheep:							
Use of Public Domain	Acres				9,600		
Cattle:	No.			800		150	
Date on		-	-	6/1	-	4/16	-
Date off		-	-	8/1	-	12/31	-

1/ Sweet clover.

Table 7. Ranch organizations representative of different parts of the Western Range Country-(Continued)

Item	Unit	Northern Great Plains			Utah	Colorado	
		Southwest North Dakota	Southwest North Dakota	Northeast Wyoming	West Central Utah	Southwest Colorado	Southeast Colorado
Type of ranch		50-cow ranch with feed and cash crops	200-cow ranch with feed, grain and cash crops	400-cow ranch with no feed or cash crops	Small cattle ranch using P.D. and N.F.	Large mountain ranch	Dry farming plains ranch
Year of study		1924	1924	1924	1925	1925	1925
Beginning Inventory							
Cattle - Cows	No.	58	174	384	147	359	187
Heifers - 1's	"	15	50	135	45	118	79
" - 2's	"	28	65	73	-	101	83
Bulls	"	-	9	8	4	29	9
Steers - 1's	"	24	62	150	38	122	79
" - 2's	"	27	70	7	38	22	73
" - 3's	"	-	82	1	3	-	-
Horses - Saddle	"	3	11	15	1	15	2
Work	"	17	20	14	-	34	4
Unbroken	"	56	-	25	-	30	-
Sheep - Ewes	"	-	-	-	-	-	-
Rams	"	-	-	-	-	-	-
Yrlg. wethers	"	-	-	-	-	-	-
Yrlg. ewes	"	-	-	-	-	-	-
Goats - Does	"	-	-	-	-	-	-
Bucks	"	-	-	-	-	-	-
Yrlg. kids	"	-	-	-	-	-	-
Per cent Calf Crop	"	60	64	71	64	80	69
" " Lamb "	"	-	-	-	-	-	-
" " Kid "	"	-	-	-	-	-	-
Sales of Livestock							
Cows	"	18	22	46	27	112	26
Yearlings	"	2	-	128	-	145	78
Steers - 2's	"	5	-	7	38	22	73
Steers - 3's	"	-	68	1	3	-	-
Calves	"	-	-	-	-	-	-
Ewes	"	-	-	-	-	-	-
Lambs	"	-	-	-	-	-	-
Rams	"	-	-	-	-	-	-
Wethers	"	-	-	-	-	-	-

Table 7. Ranch organizations representative of different parts of the Western Range Country-(Continued)

Item	Unit	Southwestern Range Area					
		West of Pecos R. in Texas	S. Central New Mexico	W. Central New Mexico	Central New Mexico	E. Central New Mexico	S. Central Arizona
Type of ranch		Large cattle ranch operating on owned land	Cattle ranch operating largely on P. Domain	Cattle ranch operating on National Forest	Cattle & sheep ranch operating on owned or leased land & N.F.	Cattle ranch in dry farming section	Migratory sheep ranch
Year of Study		1925	1925	1925	1925	1925	1925
Total investment	Dollars	618,585	159,899	30,822	113,170	45,464	129,809
Total months of labor	Mos.	67	72	26	99	22	202
Size and tenure:							
Owned	Acres	78,000	2,310	472	4,860	6,000	1,407
Leased	"	-	9,600	17,920	21,120	4,400	33,920
Uses of land:							
Range land	"	78,000	11,850	18,392	25,980	10,360	35,327
Hay land	"	-	45	-	-	-	-
Other feed crops	"	-	15	-	-	40	-
Cash crops	"	-	-	-	-	-	-
Distribution of acres in forage:							
Alfalfa	Acres	-	45	-	-	-	-
Wild hay	"	-	-	-	-	-	-
Grain for hay	"	-	-	-	-	-	-
Sorghum fodder	"	-	-	-	-	40	-
Use of National Forest:	"	-	-	-	19,200	-	-
Cattle	No.	-	-	500	-	-	-
Date on		-	-	(100 - 1/1	1/1	-	-
				(400- 10/1			
Date off		-	-	(100-12/31	12/31	-	
				(400- 3/31			Indian Reser.
Sheep	No.	-	-	-	-	-	8,200
Date on		-	-	-	-	-	6/1
Date off		-	-	-	-	-	9/1
Use of Public Domain.	Acres	-	125,000	6,400	-	-	
Cattle		-	-	-	-	-	
Date on		-	-	-	-	-	
Date off		-	-	-	-	-	

Table 7. Ranch organizations representative of different parts of the Western Range Country-(Continued)

Item	Unit	Southwestern Range Area					
		West of Pecos R. in Texas	S. Central New Mexico	W. Central New Mexico	Central New Mexico	E. Central New Mexico	S. Central Arizona
Type of ranch		Large cattle ranch operating on owned land	Cattle ranch operating largely on P.Domain	Cattle ranch operating on National Forest	Cattle and sheep operating on owned or leased and N.F.	Cattle ranch in dry farming section	Migratory sheep ranch
Year of study		1925	1925	1925	1925	1925	1925
Beginning inventory-							
Cattle - Cows	No.	2,445	855	300	306	329	-
- Heifers -1's	"	500	312	167	100	71	-
" -2's	"	75	300	99	-	20	-
Bulls	"	72	19	24	8	4	-
Steers - 1's	"	450	422	189	-	99	-
" - 2's	"	-	6	31	-	-	-
" - 3's	"	-	-	-	-	-	-
Horses - Saddle	"	75	20	27	10	10	6
Work	"	8	19	2	17	10	6
Unbroken	"	50	-	30	-	3	-
Sheep - Ewes	"	-	-	-	1,550	-	6,400
Rams	"	-	-	-	-	-	600
Yrlg.wethers	"	-	-	-	-	-	-
Yrlg.ewes	"	-	-	-	305	-	1,200
Goats - Does	"	-	-	-	12	-	-
Bucks	"	-	-	-	1	-	-
Yrlg.kids	"	-	-	-	-	-	-
Per cent Calf Crop	"	47	30	86	76	75	-
" " Lamb "	"	-	-	-	56	-	85
" " Kid "	"	-	-	-	50	-	-
Sales of Livestock:	"						
Cows	"	-	198	40	-	29	-
Yearlings	"	450	419	150	-	129	-
Steers - 2's	"	-	-	30	-	-	-
" - 3's	"	-	-	-	-	-	-
Calves	"	600	-	15	100	-	-
Ewes	"	-	-	-	680	-	765
Lambs	"	-	-	-	500	-	5,470
Rams	"	-	-	-	-	-	161
Wethers	"	-	-	-	-	-	6

Table 7. Ranch organizations representative of different parts of the Western Range Country-(Continued)

Item	Unit	Texas		
		Southern Texas	N. Central Texas	N. Central Texas
Type of Ranch		Cattle, sheep and Goat ranch	Large Cattle ranch with some dry land crops	Small Cattle ranch with some dry land crops
Year of study		1925	1925	1925
Total investment	Dolls.	89,511	606,395	51,630
Total months of labor	Mos.	36	62	12
Size and tenure:		-	-	-
Owned	Acres	11,520	40,000	3,000
Leased	"	-	-	-
Uses of land:	"	-	-	-
Range land	"	11,520	39,875	2,800
Hay land	"	-	-	14(J.grass)
Other feed crops	"	-	125	131
Cash crops	"	-	-	55
Distribution of acres in forage:	"	-	-	-
Alfalfa	"	-	-	-
Wild hay	"	-	-	14
Grain for hay	"	-	-	-
Sorghum fodder	"	-	-	16
Use of National Forest:	"			
Cattle	No.	-	-	-
Date on		-	-	-
Date off		-	-	-
Sheep		-	-	-
Use of Public Domain:	Acres	-	-	-
Cattle	No.	-	-	-
Date on		-	-	-
Date off		-	-	-

Table 7. Ranch organizations representative of different parts of the western range country- (Continued)

Item	Unit	Texas		
		Southern Texas	N. Central Texas	N. Central Texas
Type of Ranch		Cattle, Sheep and Goat Ranch	Large Cattle Ranch with some dry land crops	Small Cattle Ranch with some dry land crops
Year of Study		1925	1925	1925
Livestock on hand at beginning of year-	No.			
Cattle - Cows	"	370	1,564	166
Heifers - 1's	"	-	696	-
" - 2's	"	-	-	25
Bulls	"	10	78	6
Steers - 1's	"	-	695	-
" - 2's	"	-	930	-
" - 3's	"	-	135	-
Horses - Saddle	"	15	35	5
Work	"	-	6	5
Unbroken	"	-	-	-
Other	"	-	-	12
Sheep - Ewes	"	900	-	-
Rams	"	30	-	-
Yrlg. wethers	"	250	-	-
Yrlg. ewes	"	200	-	-
Goats - Does	"	1,257	-	-
Bucks	"	55	-	-
Yrlg. kids	"	900	-	-
Percent Calf Crop	"	69	73	78
" Lamb "	"	72	-	-
" Kid "	"	86	-	-
Sales of Livestock-				
Cows	"	-	59	16
Yearlings	"	-	1,027	-
Steers - 2's	"	-	619	-
Steers - 3's	"	-	135	-
Calves	"	-	-	95
Ewes	"	-	-	-
Lambs	"	650	-	-
Rams	"	-	-	-
Wethers	"	-	-	-

Table 8. Cattle: Total number and number in each class, 17 western States - Jan. 1, 1925.

State	Total number	Calves Under 1 yr.	Heifers: 1 year and under 2 years		
			Total:	Dairy	Beef
	Number	Number	Number	Number	Number
Arizona	1,068,727	215,747	108,455	8,353	100,102
California	1,918,489	285,643	252,598	127,381	125,217
Colorado	1,436,150	340,467	167,919	32,394	135,525
Idaho	605,604	155,916	79,103	32,418	46,685
Kansas	3,068,289	767,344	337,362	73,767	263,595
Montana	1,321,604	357,298	157,138	19,648	137,490
Nebraska	3,282,690	869,588	351,040	38,065	312,975
Nevada	419,275	100,285	57,339	5,296	52,043
New Mexico	1,266,688	306,772	110,145	7,391	102,754
North Dakota	1,341,018	376,430	178,629	72,557	106,072
Oklahoma	1,656,763	409,890	184,663	68,615	116,048
Oregon	784,459	177,602	94,303	39,581	54,722
South Dakota	2,022,189	566,405	252,180	48,942	203,238
Texas	5,845,918	1,334,841	510,111	128,817	381,294
Utah	504,368	113,577	67,134	16,575	50,559
Washington	581,714	120,317	75,689	53,184	22,505
Wyoming	783,398	215,914	93,080	6,555	86,525

State	Cows: 2 years old and over			Steers: 1 yr. old and over	Bulls: 1 yr. old and over
	Total	Dairy	Beef		
	Number	Number	Number	Number	Number
Arizona	613,460	32,337	581,123	104,422	26,643
California	985,060	557,268	427,792	361,739	33,449
Colorado	683,133	159,226	523,907	215,833	28,798
Idaho	291,636	138,768	152,868	67,410	11,539
Kansas	1,303,298	380,150	923,148	596,075	64,210
Montana	590,432	102,769	487,663	194,336	22,400
Nebraska	1,355,660	229,461	1,126,199	638,338	68,064
Nevada	191,075	17,380	173,695	62,579	7,997
New Mexico	731,055	39,383	691,672	98,128	30,588
North Dakota	640,462	312,035	328,427	109,876	35,621
Oklahoma	843,725	360,297	483,428	185,586	32,899
Oregon	413,174	205,057	208,117	81,687	17,693
South Dakota	885,964	243,336	642,628	272,865	44,775
Texas	3,081,759	731,491	2,350,268	809,049	120,158
Utah	251,570	71,330	180,240	62,286	9,801
Washington	337,793	266,216	71,577	34,500	13,415
Wyoming	346,025	32,882	313,143	114,433	13,946

Compiled from the 1925 Census, County Table III.

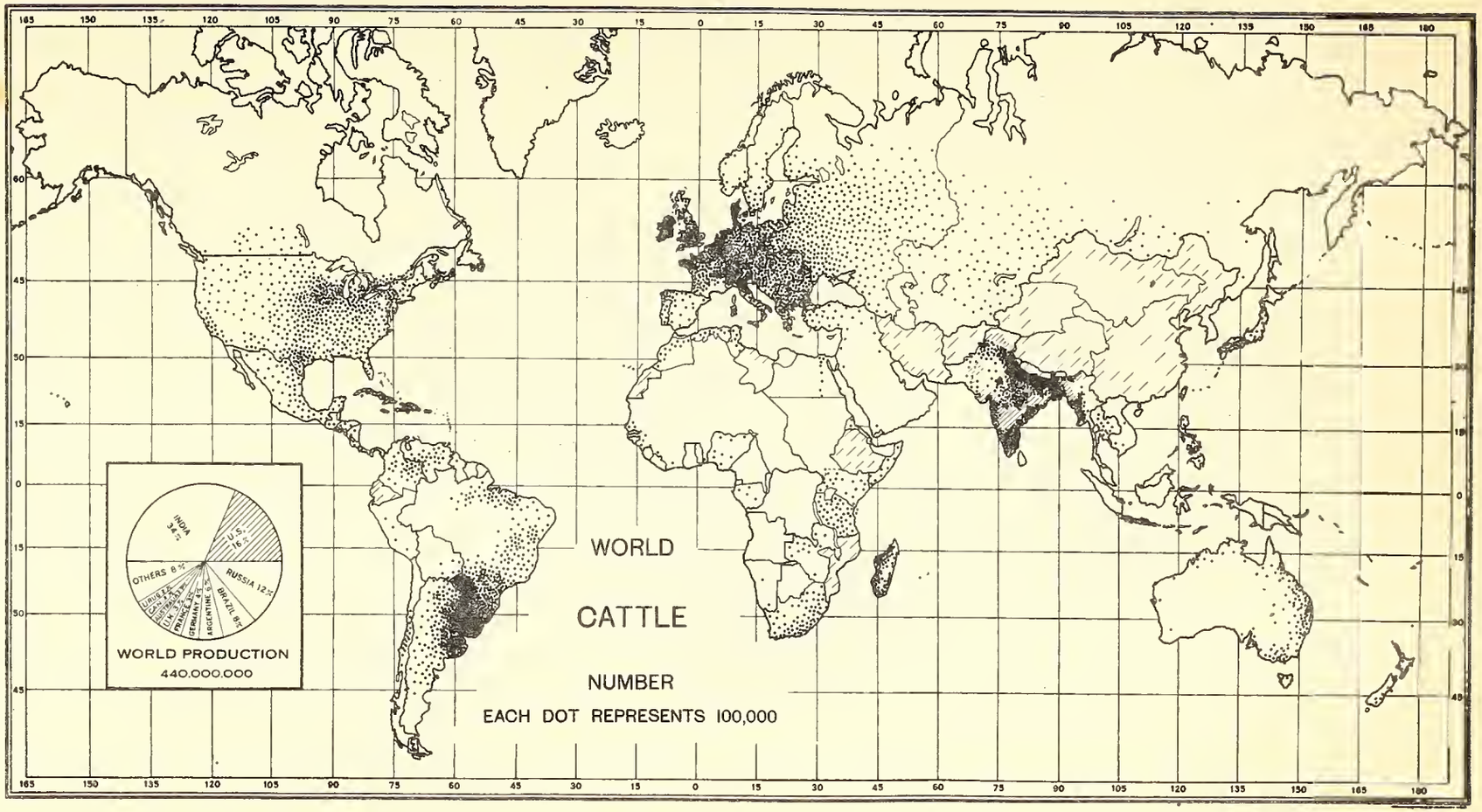


FIGURE 18. FROM THE MARKET STANDPOINTS, ARGENTINA, WITH ITS SMALL HUMAN POPULATION AND HEAVY CATTLE POPULATION, IS OUR PRINCIPAL COMPETITOR IN THE BEEF INDUSTRY

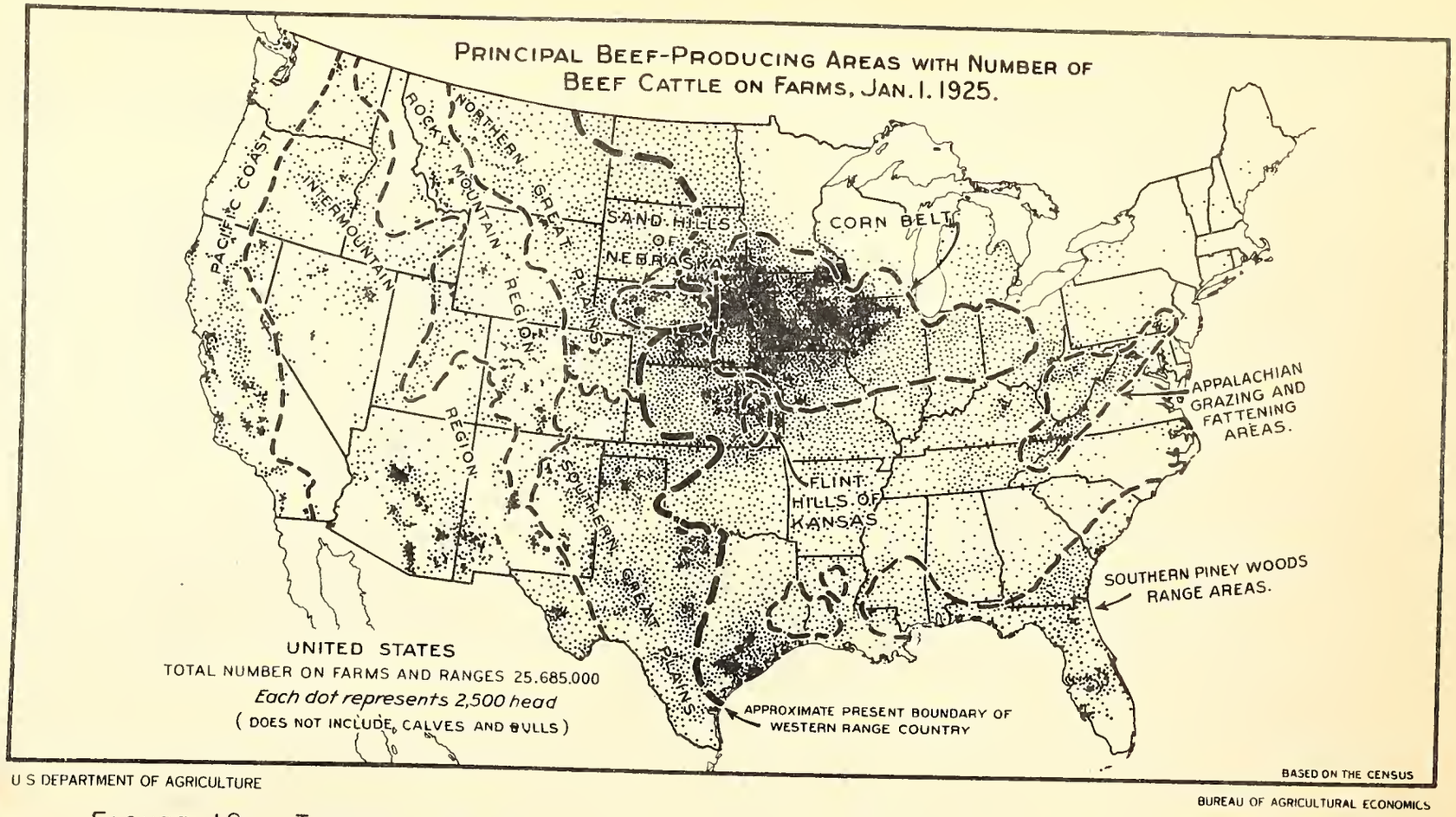

PRINCIPAL BEEF-PRODUCING AREAS WITH NUMBER OF BEEF CATTLE ON FARMS, JAN. 1. 1925.
PACIFIC COAST
INTERMOUNTAIN REGION
ROCKY MOUNTAIN REGION
NORTHERN GREAT PLAINS
SAND HILLS OF NEBRASKA
CORN BELT
APPALACHIAN GRAZING AND FATTENING AREAS.
FLINT HILLS OF KANSAS
SOUTHERN GREAT PLAINS
SOUTHERN PINEY WOODS RANGE AREAS.
UNITED STATES
TOTAL NUMBER ON FARMS AND RANGES 25.685.000
Each dot represents 2,500 head
(DOES NOT INCLUDE CALVES AND BULLS)
APPROXIMATE PRESENT BOUNDARY OF WESTERN RANGE COUNTRY
U S DEPARTMENT OF AGRICULTURE
BASED ON THE CENSUS
BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 19. THE APPROXIMATE BOUNDARIES OF THE PRINCIPAL BEEF-PRODUCING AREAS AND THE NUMBER OF BEEF CATTLE ON FARMS, JANUARY 1, 1925, ARE SHOWN. ABOUT 40 PER CENT OF THE TOTAL NUMBER OF BEEF CATTLE IS FOUND WEST OF THE 100TH MERIDIAN. CONCENTRATION IS FOUND IN THE WESTERN PART OF THE CORN BELT

Table 9. Number of cattle and sheep in 17 western States in Census years, 1900 - 1925.

State	All Cattle 1/			
	1900	1910	1920	1925
Arizona	744,873	833,458	821,918	1,068,727
California	1,479,218	2,123,201	2,008,037	1,918,489
Colorado	1,453,971	1,158,235	1,756,616	1,436,150
Idaho	369,217	463,847	714,903	605,604
Kansas	4,552,642	3,135,614	2,975,390	3,068,289
Montana	974,845	954,347	1,268,516	1,321,604
Nebraska	3,220,242	2,972,838	3,154,265	3,282,690
Nevada	386,249	451,687	356,390	419,275
New Mexico	996,790	1,095,312	1,300,335	1,266,688
North Dakota	667,087	756,191	1,334,552	1,341,018
Oklahoma	3,236,008	2,026,540	2,073,945	1,656,763
Oregon	715,599	742,261	851,108	784,459
South Dakota	1,562,175	1,552,309	2,348,157	2,022,189
Texas	9,595,611	7,139,400	6,156,715	5,845,918
Utah	356,621	428,793	505,578	504,368
Washington	414,044	423,850	572,644	581,714
Wyoming	689,970	771,963	875,433	783,398
Seventeen states	31,415,162	27,029,846	29,074,502	27,907,343

State	Steers and bulls on farms: 1 yr. old and over 2/			
	1900	1910	1920	1925
Arizona	158,333	178,139	106,799	131,065
California	355,210	485,712	426,363	395,188
Colorado	429,382	355,242	424,653	244,631
Idaho	84,203	85,379	133,626	78,949
Kansas	1,583,940	1,048,673	611,584	660,285
Montana	326,406	260,700	246,734	216,736
Nebraska	889,899	880,459	680,489	706,402
Nevada	92,170	121,683	73,268	70,576
New Mexico	169,412	191,387	197,107	118,716
North Dakota	198,027	130,195	183,187	145,497
Oklahoma	1,396,896	619,676	324,227	218,485
Oregon	147,805	150,713	144,146	99,380
South Dakota	495,133	410,255	551,502	317,640
Texas	2,094,197	1,666,626	1,237,064	929,207
Utah	61,535	61,135	75,502	72,087
Washington	80,053	44,831	61,988	47,915
Wyoming	229,495	254,530	219,055	128,379
Seventeen states	8,792,096	6,945,323	5,697,302	4,581,138

1/ 1900 and 1910 - Census 1910, Vol. 5, page 456.
1920 - " 1920, Vol. 6, County Table 2.
1925 - " 1925, County Table 3.

2/ 1900 and 1910 - " 1910, Vol. 5, page 353.
1920 - " 1920, Vol. 6, County Table 2.
1925 - " 1925, County Table 3.

Table 9. Number of cattle and sheep in 17 western States in Census years, 1900 - 1925 (Continued)

State	All Sheep 3/			
	1900	1910	1920	1925
Arizona	924,884	1,227,864	881,914	1,163,905
California	2,581,584	2,482,108	2,400,151	3,045,095
Colorado	2,045,577	1,434,687	1,813,255	2,243,869
Idaho	3,122,576	3,018,352	2,356,270	1,745,769
Kansas	264,045	282,806	361,102	314,894
Montana	6,170,580	5,414,325	2,082,919	2,187,928
Nebraska	517,299	313,529	573,217	646,783
Nevada	887,110	1,174,853	880,580	1,183,572
New Mexico	4,902,547	3,370,922	1,640,475	1,743,079
North Dakota	682,391	294,559	298,912	310,527
Oklahoma	88,741	62,733	105,370	62,108
Oregon	3,042,767	2,700,890	2,002,378	1,775,093
South Dakota	775,664	612,148	843,696	643,555
Texas	1,898,794	1,812,717	2,573,485	3,137,129
Utah	3,821,838	1,866,969	1,691,795	2,355,038
Washington	930,988	478,512	623,779	515,798
Wyoming	5,099,765	5,408,241	1,859,775	2,507,012
Seventeen states	37,757,150	31,956,215	22,989,073	25,581,154

3/ 1900 and 1910 - Census 1910, Vol. 5, page 457.
1920 - " 1920, Vol. 6, County Table 2.
1925 - " 1925, County Table 3.

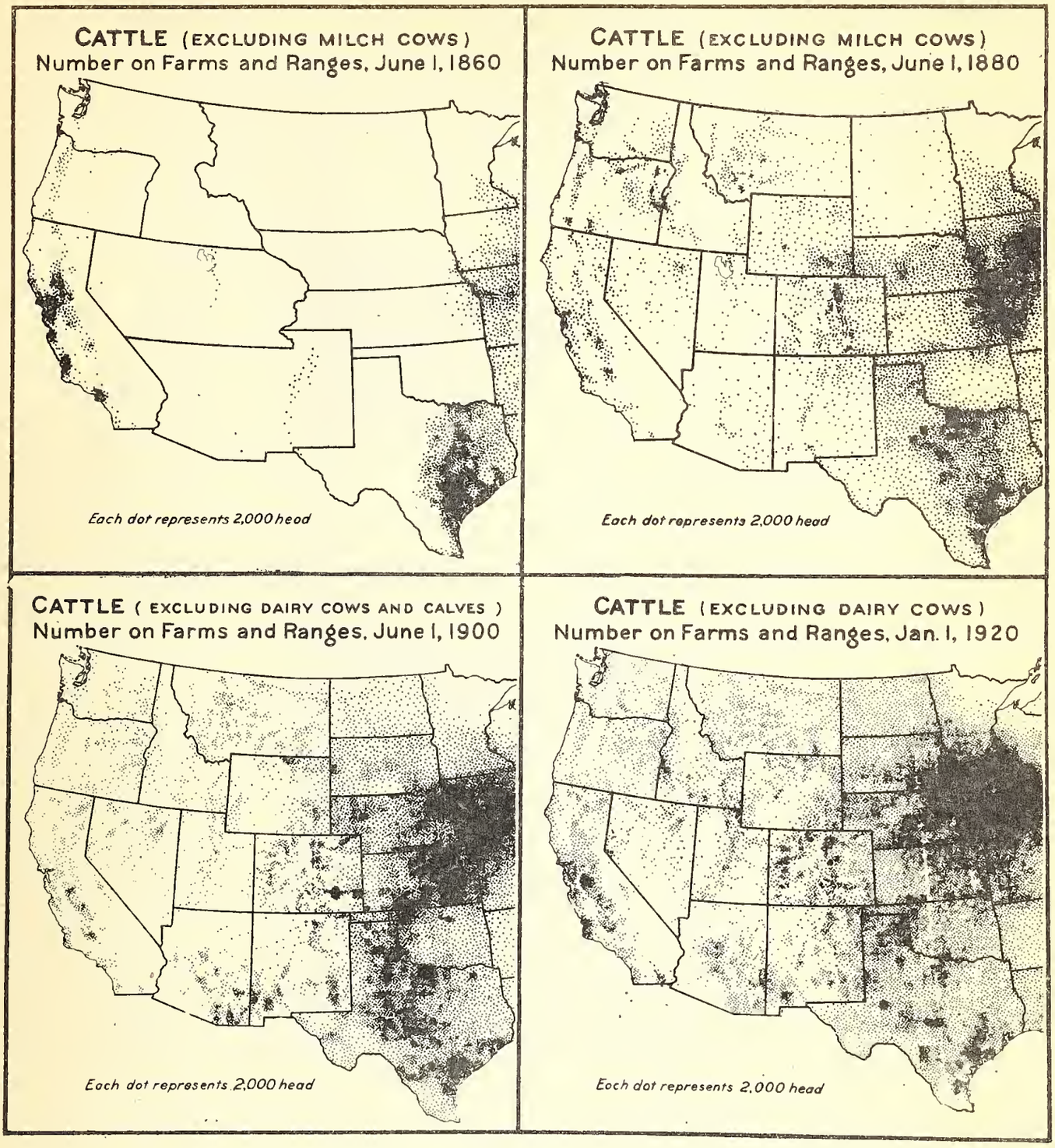

CATTLE (EXCLUDING MILCH COWS)
Number on Farms and Ranges, June 1, 1860
Each dot represents 2,000 head
CATTLE (EXCLUDING MILCH COWS)
Number on Farms and Ranges, June 1, 1880
Each dot represents 2,000 head
CATTLE (EXCLUDING DAIRY COWS AND CALVES)
Number on Farms and Ranges, June 1, 1900
Each dot represents 2,000 head
CATTLE (EXCLUDING DAIRY COWS)
Number on Farms and Ranges, Jan. 1, 1920
Each dot represents 2,000 head

FIGURE 20. BEEF PRODUCTION SPREAD OVER THE RANGE COUNTRY FROM EASTERN TEXAS WHERE IT WAS CONCENTRATED IN 1860

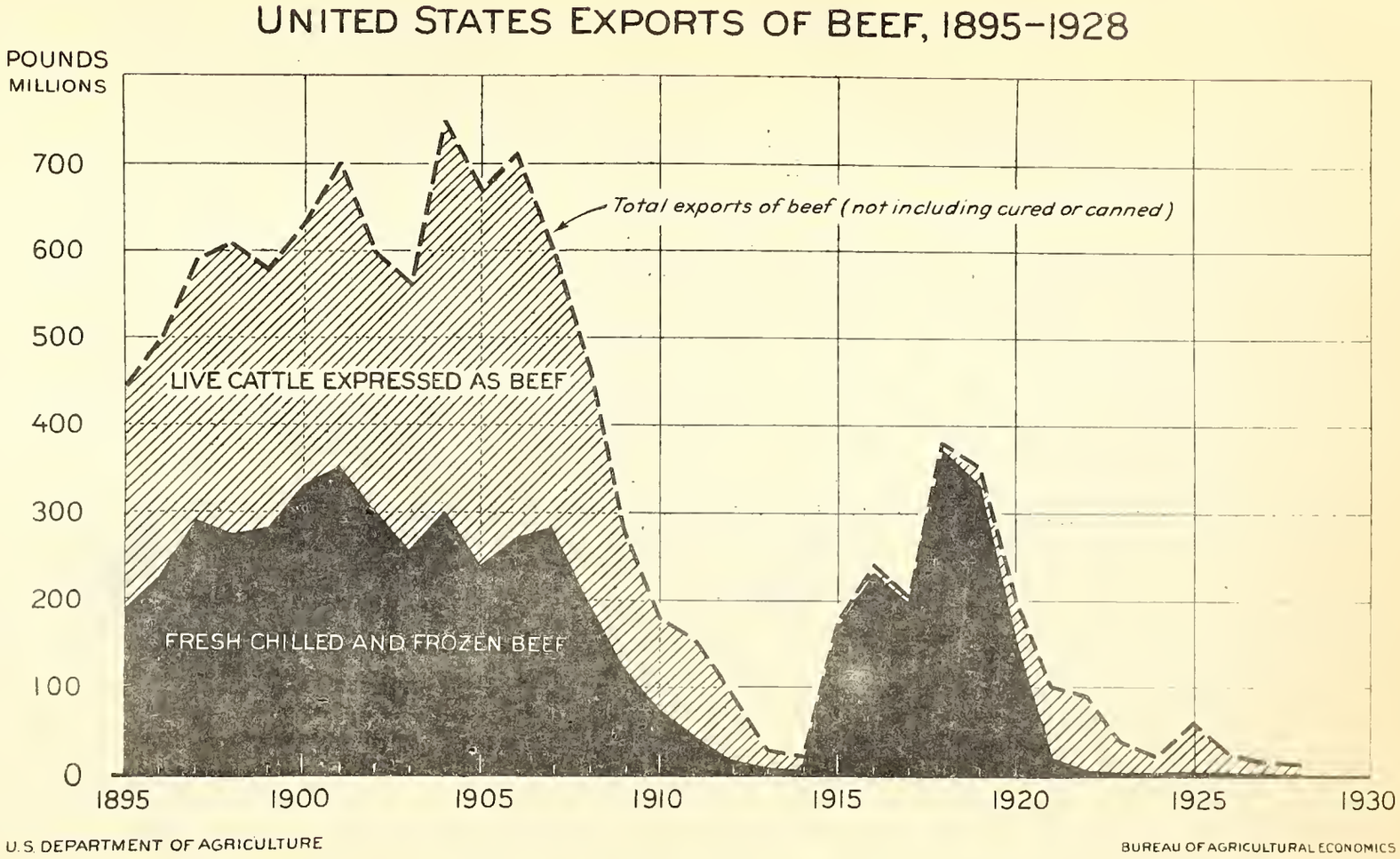


FIGURE 21. ONLY A SMALL AMOUNT OF BEEF HAS BEEN EXPORTED SINCE 1915 EXCEPT FOR WAR SUPPLIES

Table 10. Beef, fresh, chilled, and frozen: Net imports and exports of principal countries, 1909-1928

(Thousands pounds, i.e. 000 omitted)

Year ended Dec. 31	Net imports: United Kingdom	France	Germany	Belgium	Net exports: Argentina	Australia	Uruguay
1909	687,736:1/	3,257:	26,144:2/		464,460:	71,131:	12,524
1910	785,736:1/	3,783:	34,815:2/		559,325:	109,421:	20,720
1911	824,443:1/	1,267:	39,460:2/		689,674:	108,774:	16,933
1912	896,652:1/	2,042:	78,838:2/		755,849:	142,186:	44,847
1913	1,030,771:1/	7,114:	66,524:2/		807,388:	218,911:	109,268
1914	990,592:	28,032:	- -:2/		813,427:4/	292,056:	153,016
1915	963,389:	379,988:	- -:2/		799,394:4/	114,655:	215,115
1916	789,826:	458,586:	- -:2/		942,907:4/	242,040:	157,568
1917	681,796:	412,310:	- -:2/		870,458:4/	180,222:	158,399
1918	844,055:	473,894:	- -:2/		1,092,631:4/	119,938:	106,247
1919	721,287:	501,110:	- -:2/		883,452:4/	120,940:	176,019
1920	1,032,708:	286,018:	143,268:2/		917,784:4/	179,618:	215,181
1921	1,241,744:	107,764:5/	26,228:	71,972:	859,260:4/	124,158:	161,496
1922	1,135,797:	60,500:	56,448:	76,201:	893,006:4/	152,925:	164,586
1923	1,410,000:	99,446:	108,229:	144,496:	1,171,434:4/	105,145:	264,930
1924	1,385,496:	187,171:	180,267:	212,681:	1,615,039:4/	283,583:	266,404
1925	1,381,307:	203,411:	335,505:	134,474:	1,475,115:4/	214,058:	295,779
1926	1,493,683:	139,031:	327,574:	63,352:	1,449,452:4/	112,120:	279,182
1927	1,457,869:	109,310:	329,653:	94,165:	1,550,030:4/	169,395:	236,290

Year ended Dec. 31	Net exports - (continued): United States	New Zealand	Brazil	Canada	Denmark	Netherlands
1909	93,742	54,590	- -	- -	32,118	36,916
1910	55,559	57,093	- -	- -	35,659	34,504
1911	28,782	27,307	- -	874	26,302	32,543
1912	9,026	30,803	- -	815	56,865	38,036
1913	3/ 28,972	30,636	- -	7,584	32,826	32,915
1914	3/ 222,897	69,927	- -	15,558	36,702	29,097
1915	144,224	86,477	18,770	27,544	48,884	44,563
1916	142,204	112,071	74,209	41,609	34,220	33,297
1917	194,347	99,740	146,500	69,713	35,370	3,735
1918	491,002	81,960	133,397	124,101	21,337	42
1919	135,965	86,991	113,831	105,710	17,730 :3/	343
1920	39,467	84,883	134,255	62,044	38,670 :3/	8,486
1921	3/ 22,037	102,691	129,689	32,167	16,496 :3/	45,488
1922	3/ 32,783	57,759	66,664	26,115	44,986 :3/	27,203
1923	3/ 15,970	83,387	146,817	22,434	28,217 :3/	27,203
1924	3/ 15,476	75,733	152,664	22,876	8,403 :3/	41,363
1925	3/ 12,512	81,445	115,374	33,889	56,964 :3/	21,843
1926	3/ 17,627	49,574	12,225	23,932	35,562 :3/	16,217
1927	3/ 40,836	51,241	- -	51,835	3,880 :3/	4,602

Division of Statistical and Historical Research. Compiled from official sources. Published in issues of Foreign Crops and Markets featuring commodity.

1/ Net export.
2/ Not separately classified.
3/ Net import.
4/ Year beginning July 1.
5/ 8 months, May-December.

Table 11. Exports of live cattle from the United States and cattle and sheep imported into the United States from Canada and Mexico, 1900-1928 1/

Year	Cattle 2/ exported from U.S.	Cattle imported into United States 3/			Sheep imported into United States 3/		
		Canada	Mexico	Total	Canada	Mexico	Total
	Number	Number	Number	Number	Number	Number	Number
1900	397,286	78,280	80,329	158,609	209,907	9,976	219,883
1901	459,218	40,131	96,651	136,782	199,850	1,357	201,207
1902	392,884	28,930	65,213	94,143	148,544	3,776	152,320
1903	402,178	9,573	52,780	62,353	164,087	4,119	168,206
1904	593,409	331	12,088	12,419	145	701	846
1905	567,806	3,038	23,010	26,048	84,774	4,741	89,515
1906	584,239	3,581	23,599	27,180	108,840	19,956	128,796
1907	423,051	3,435	27,044	30,479	97,107	4,967	102,074
1908	349,210	16,760	65,485	82,245	116,145	41,565	157,710
1909	207,542	6,077	129,539	135,616	83,405	5,232	88,637
1910	139,430	5,489	190,616	196,105	105,467	18,462	123,929
1911	150,100	4,651	181,509	186,160	47,423	2,083	49,506
1912	105,506	3,759	319,744	323,503	18,522	11,955	30,477
1913	24,714	29,199	397,359	426,558	10,347	12,404	22,751
1914	18,376	214,381	640,233	854,614	16,123	198,635	214,758
1915	5,484	192,723	355,241	547,964	40,810	112,627	153,437
1916	21,287	247,081	205,390	452,471	73,251	140,681	213,932
1917	13,387	184,048	185,366	369,414	59,269	98,604	157,873
1918	18,213	190,244	107,061	297,305	118,580	39,227	157,807
1919	42,345	359,122	88,778	447,900	119,014	63,973	182,987
1920	83,039	502,867	98,604	601,471	147,525	17,548	165,073
1921	145,673	303,709	31,196	334,905	157,110	2,377	159,487
1922	155,281	133,897	43,538	177,435	89,304	8,063	97,367
1923	61,486	235,793	40,816	276,609	57,956	14,548	72,504
1924	32,761	149,586	54,845	204,431	28,077	28,806	56,883
1925	105,611	129,769	73,192	202,961	27,095	84,414	111,509
1926	35,176	177,226	95,835	273,061	34,927	27,728	62,655
1927	21,268	171,396	184,447	355,843	25,723	26,111	51,834
1928	16,396	207,487	300,706	508,193	19,842	21,534	41,376

1/ Year ending June 30.

2/ Compiled by Division of Statistical and Historical Research.

3/ Compiled from service and regulatory announcements of the Bureau of Animal Industry.

Table 12. Beef and Veal: United States imports, years, 1913, 1922-1927 and five months, 1928

Year ended December 31	Canada	Argentina	Uruguay	Australia	New Zealand	Other countries	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1914 1/, 2/	15,920	59,775	25,903	19,859	859	57,821	180,137
1915 1/	15,305	130,681	13,803	10,482	1,602	12,619	184,491 3/
1922	19,625	11,103	2,190	1,530	1,803	443	36,694
1923	13,800	1,501	131	1,394	2,500	30	19,356
1924	9,575	3,765	406	348	3,988	22	18,104
1925	11,041	322	136	2,061	2,300	10	15,870
1926	13,924	1,488	209	2,997	1,447	41	20,105
1927	37,780	0	0	2,254	2,537	3	42,574
1927, January - May	6,778	0	0	1,069	738	1	8,586
1928, January - May	6,867	0	0	672	6,013	61	13,613

Compiled from Commerce and Navigation of the United States 1914-1926, official records of the Bureau of Foreign and Domestic Commerce, 1927-28.

1/ Year ended June 30.

2/ Includes period from October 3, 1913 to June 30, 1914.

3/ First full years available by countries.

Table 13. Monthly receipts of cattle and calves at principal markets and all markets, 1923 - 1928, inclusive.

Market		January	February	March	April	May	June
Chicago	1923	340,412	277,564	293,659	334,577	355,627	286,405
	1924	359,784	295,843	307,803	315,607	328,529	291,379
	1925	352,210	282,244	332,055	312,752	308,807	286,881
	1926	320,505	281,310	341,704	307,234	316,879	330,212
	1927	328,639	266,813	297,642	271,287	332,938	299,792
	1928	287,381	250,732	252,541	286,213	293,388	253,266
Kansas City	1923	235,721	171,304	156,355	160,936	190,961	181,662
	1924	209,911	145,904	148,667	173,178	201,000	192,118
	1925	195,695	160,373	209,310	170,261	154,006	197,411
	1926	175,879	149,770	166,174	141,212	158,490	171,205
	1927	194,716	151,911	159,526	152,684	181,591	147,789
	1928	188,776	153,610	128,416	142,713	143,785	124,024
Omaha	1923	158,008	119,549	128,835	148,894	147,683	129,626
	1924	163,807	129,613	148,821	146,456	152,192	131,470
	1925	137,484	107,082	139,359	124,260	109,968	112,578
	1926	129,736	113,555	149,482	123,087	133,969	160,191
	1927	128,262	114,732	132,010	100,119	138,036	126,529
	1928	136,021	118,847	117,430	113,639	132,620	114,532
E. St. Louis	1923	98,678	72,305	72,971	75,383	98,445	94,164
	1924	92,341	68,780	69,458	86,808	101,822	103,124
	1925	83,166	74,332	87,118	84,864	103,024	117,745
	1926	104,917	88,116	94,740	86,439	109,978	139,074
	1927	104,267	84,661	96,475	87,213	111,349	121,984
	1928	96,180	81,898	75,865	79,795	95,727	95,417
St. Paul	1923	100,821	77,392	90,507	88,148	109,871	89,222
	1924	96,746	84,721	93,907	105,324	102,079	83,654
	1925	100,423	97,733	125,624	126,442	120,663	105,972
	1926	121,883	117,080	147,860	127,587	138,469	144,442
	1927	126,678	118,033	132,611	110,320	107,781	107,100
	1928	111,667	113,727	108,748	111,621	122,164	106,884

Table 13. Monthly receipts of cattle and calves at principal markets and all markets, 1923 - 1928, inclusive - Continued.

Market		January	February	March	April	May	June
St. Joseph	1923	61,112	50,818	51,154	51,760	50,929	41,961
	1924	62,567	48,734	51,026	50,110	53,535	43,131
	1925	53,131	48,617	57,252	47,037	40,884	47,691
	1926	56,159	48,233	55,618	42,233	51,462	49,475
	1927	52,120	47,330	50,403	39,775	54,614	48,700
	1928	50,901	43,752	39,667	44,030	48,298	38,348
Sioux City	1923	69,257	48,405	50,634	58,062	61,314	59,716
	1924	66,707	63,392	64,136	66,387	62,558	58,634
	1925	74,765	60,532	74,378	60,671	58,742	48,341
	1926	81,010	62,722	74,914	60,146	60,298	75,108
	1927	77,491	67,367	69,540	51,265	60,214	56,805
	1928	74,649	58,463	58,068	59,373	62,392	61,653
Fort Worth	1923	78,962	43,136	43,729	61,534	119,983	114,484
	1924	86,407	54,313	50,627	81,605	139,813	104,261
	1925	90,585	69,754	88,809	101,433	85,146	129,650
	1926	104,581	70,416	67,107	95,524	120,071	106,712
	1927	71,796	56,876	71,420	92,311	112,525	104,111
	1928	87,841	65,600	51,998	85,398	95,762	100,434
Denver	1923	60,550	25,736	27,767	28,936	58,668	33,305
	1924	56,788	24,569	29,837	23,818	49,807	42,155
	1925	41,884	28,457	37,814	32,598	43,263	46,515
	1926	42,175	20,722	33,865	28,372	50,194	26,505
	1927	55,892	33,057	37,945	30,593	54,214	34,467
	1928	60,235	33,104	29,962	52,404	67,624	30,651
All Markets	1923	1,876,443	1,426,921	1,502,246	1,670,186	1,900,008	1,629,282
	1924	1,888,022	1,456,700	1,556,105	1,750,664	1,890,418	1,673,428
	1925	1,868,607	1,529,695	1,860,485	1,826,559	1,736,589	1,745,800
	1926	1,839,601	1,551,037	1,811,262	1,710,524	1,894,047	1,871,289
	1927	1,831,648	1,554,982	1,742,909	1,673,607	1,954,898	1,732,048
	1928	1,771,021	1,515,864	1,465,161	1,684,306	1,798,745	1,558,158

Table 13. Monthly receipts of cattle and calves at principal markets and all markets, 1923 - 1928, inclusive - Continued.

Market		July	August	September	October	November	December	Total
Chicago	1923	314,707	319,017	318,662	411,181	331,351	334,689	3,917,851
	1924	318,479	279,906	323,935	398,084	369,360	408,370	3,997,079
	1925	278,273	307,779	308,690	398,144	352,714	350,600	3,871,149
	1926	298,061	322,304	375,210	392,923	399,395	326,572	4,012,309
	1927	250,475	324,858	283,923	341,070	324,914	260,472	3,582,823
	1928	240,803	243,293	280,145	326,009	287,970	265,126	3,266,867
Kansas City	1923	284,315	453,544	431,616	436,692	287,977	216,847	3,207,930
	1924	220,393	302,954	479,958	423,331	299,504	245,890	3,042,808
	1925	323,767	358,163	320,557	389,113	278,615	201,161	2,958,432
	1926	194,813	295,221	342,190	349,544	292,929	179,086	2,616,513
	1927	163,546	287,306	253,055	357,900	256,553	163,692	2,470,269
	1928	171,919	227,834	296,913	305,984	183,707	142,405	2,210,086
Omaha	1923	118,139	147,463	199,597	217,837	147,948	129,353	1,792,932
	1924	126,502	141,644	221,211	229,511	137,350	133,969	1,862,546
	1925	120,375	148,541	192,411	225,868	152,456	138,438	1,708,820
	1926	136,327	157,463	217,317	218,496	154,434	121,012	1,815,069
	1927	86,505	129,541	134,032	203,042	148,587	119,578	1,561,173
	1928	111,202	101,567	164,602	196,469	116,400	94,425	1,517,754
E. St. Louis	1923	138,969	161,789	165,388	197,093	124,576	99,148	1,398,909
	1924	126,194	132,496	179,349	171,239	133,149	119,866	1,384,626
	1925	148,090	164,598	151,670	159,429	137,753	132,463	1,444,252
	1926	138,520	159,840	185,144	163,112	151,301	105,097	1,526,278
	1927	127,262	180,017	152,045	159,738	130,862	92,520	1,448,393
	1928	119,227	151,092	165,661	162,218	104,292	87,244	1,314,616
St. Paul	1923	109,351	108,039	144,841	185,269	139,346	106,029	1,348,836
	1924	101,616	94,155	125,428	156,684	162,536	116,536	1,323,386
	1925	116,102	151,553	134,586	236,272	172,166	148,650	1,636,186
	1926	163,743	147,133	194,285	250,001	220,267	137,195	1,909,945
	1927	100,770	133,057	135,388	215,317	187,773	107,640	1,582,468
	1928	110,480	124,343	155,121	189,157	137,406	98,597	1,489,915

Table 13. Monthly receipts of cattle and calves at principal markets and all markets, 1923 - 1928, inclusive - (Continued)

Market		July	August	September	October	November	December	Total
St. Joseph.....	1923	57,253	76,458	71,240	85,647	60,020	50,207	708,559
	1924	50,356	63,643	91,617	92,036	58,087	54,990	719,832
	1925	70,358	75,730	75,318	95,861	61,415	60,454	733,748
	1926	52,298	61,835	75,189	72,234	64,708	49,639	679,083
	1927	45,708	66,654	56,519	72,373	59,680	46,755	640,631
	1928	44,066	56,111	70,910	70,551	48,178	43,008	597,820
Sioux City.....	1923	49,630	55,590	86,319	100,280	60,023	60,264	759,494
	1924	60,932	60,175	102,364	98,977	61,288	70,191	835,741
	1925	53,418	84,909	89,241	115,835	85,317	90,611	896,761
	1926	81,214	76,316	110,180	132,183	82,358	72,413	968,862
	1927	45,117	61,741	70,317	112,185	71,790	64,668	808,500
	1928	57,440	61,908	96,016	113,393	56,997	52,390	812,742
Fort Worth.....	1923	141,153	164,007	122,452	161,865	120,657	85,967	1,257,929
	1924	132,814	135,711	155,337	126,483	172,071	151,083	1,391,525
	1925	147,043	155,188	117,188	117,131	132,797	135,074	1,369,798
	1926	97,065	79,691	101,418	117,030	129,109	95,921	1,184,645
	1927	90,360	122,975	119,054	147,333	178,065	119,614	1,286,440
	1928	127,932	126,730	124,951	138,105	127,851	78,517	1,211,119
Denver.....	1923	24,839	30,599	47,760	106,509	110,644	64,569	619,882
	1924	23,439	30,727	77,644	119,228	99,637	52,704	630,353
	1925	26,796	33,415	41,787	103,538	102,639	48,141	586,847
	1926	17,477	25,195	43,920	83,300	110,223	47,103	529,051
	1927	18,044	28,231	41,146	129,687	129,199	47,642	640,167
	1928	25,392	26,300	57,503	130,650	101,211	51,965	667,201
All Markets 1/	1923	1,903,201	2,214,158	2,294,681	2,801,744	2,182,110	1,810,028	23,211,008
	1924	1,798,024	1,934,099	2,565,772	2,736,511	2,362,993	2,082,661	23,695,397
	1925	1,969,702	2,244,614	2,157,374	2,788,887	2,282,120	2,056,242	24,066,674
	1926	1,820,184	1,996,620	2,396,530	2,674,280	2,460,495	1,845,681	23,871,550
	1927	1,546,894	2,075,242	1,988,442	2,634,585	2,346,316	1,690,636	22,772,207
	1928	1,650,394	1,828,765	2,190,413	2,541,782	1,963,383	1,509,991	21,477,983

Data furnished by Division of Livestock, Meats and Wool - Bureau of Agricultural Economics.

1/ Sixty-seven markets.

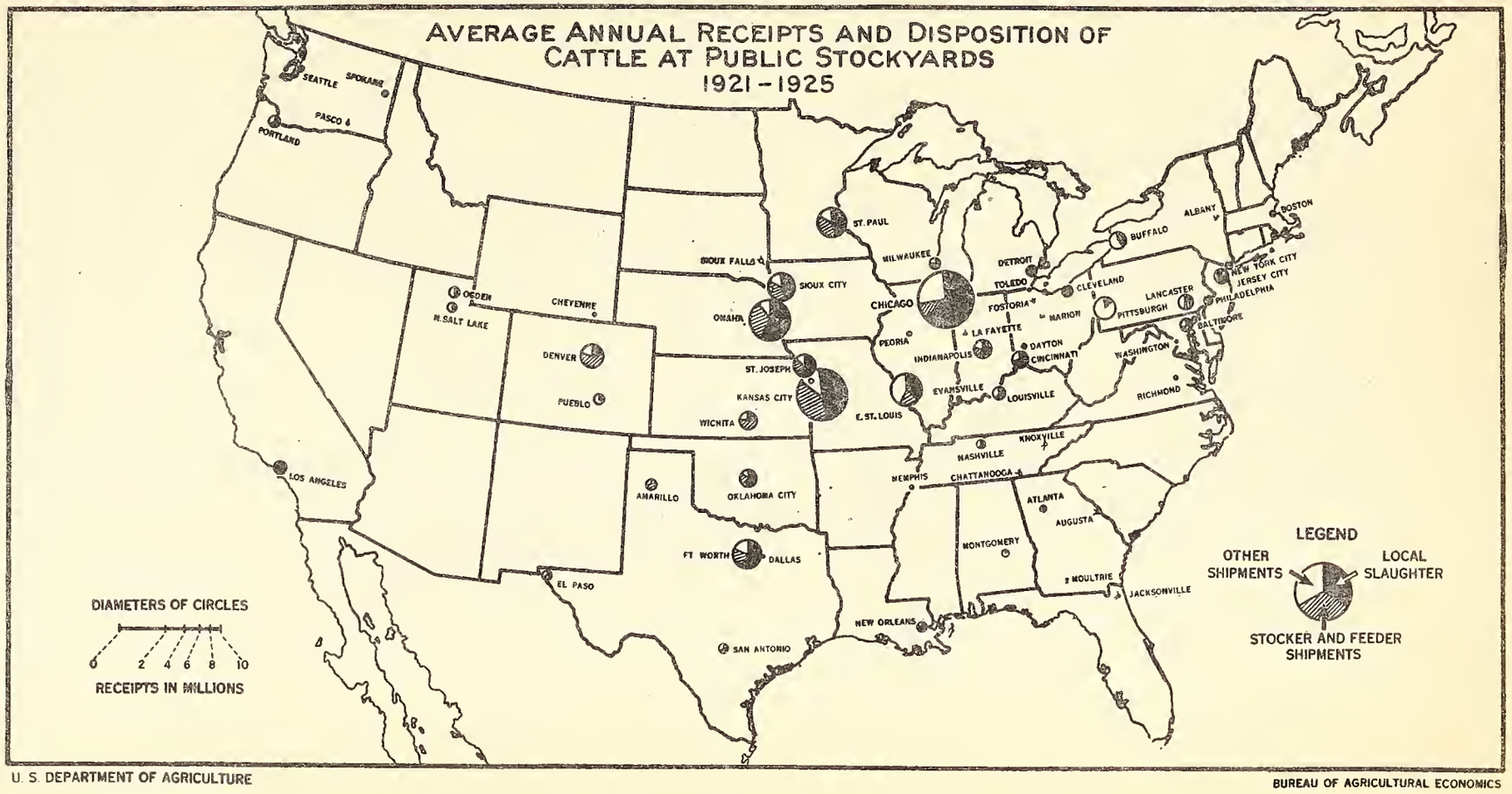


FIGURE 22. KANSAS CITY IS THE MOST IMPORTANT STOCKER AND FEEDER MARKET. CHICAGO HANDLES THE MOST CATTLE, LARGELY FOR LOCAL SLAUGHTER

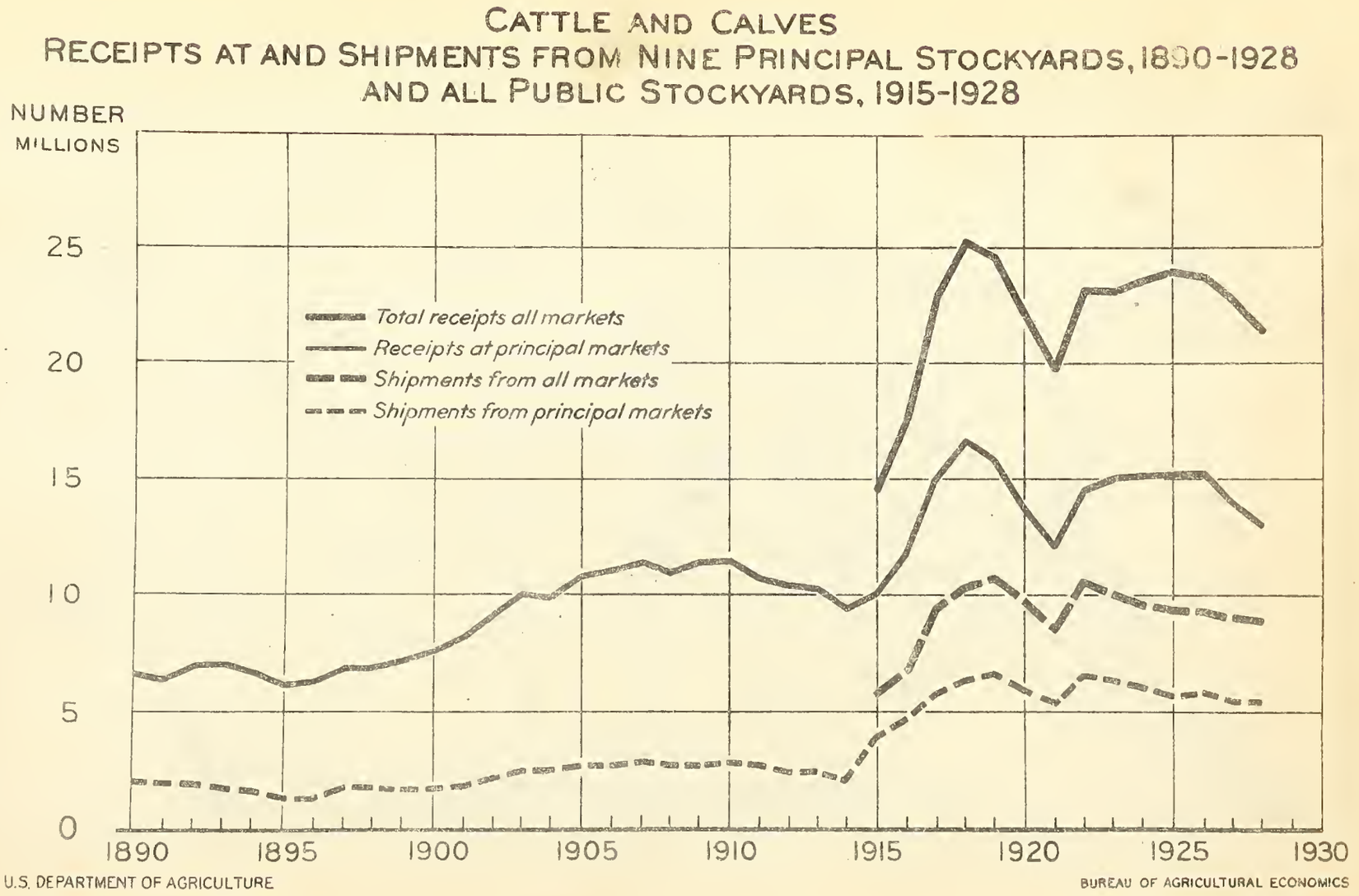


FIGURE 23. RECEIPTS AND SHIPMENTS VARY WIDELY IN DIFFERENT YEARS DEPENDING ON THE POSITION OCCUPIED BY THAT YEAR IN THE CATTLE CYCLE

Table 14. Feeder Cattle: Origin and destination of inspected shipments from public stockyards, 1920-1927.

	1920	1921	1922	1923	1924	1925	1926	1927	1928
Market origin:									
Chicago, Ill.	338,646	331,193	331,773	275,102	245,880	229,953	245,124	167,193	171,379
Denver, Colo.	349,641	237,247	344,326	347,275	346,093	280,744	288,048	327,998	402,617
East St.Louis, Ill.	119,273	128,985	184,124	170,079	136,198	112,955	110,366	97,196	89,564
Fort Worth, Tex.	308,693	153,318	208,580	162,324	160,140	195,935	232,767	272,478	285,261
Indianapolis, Ind.	64,192	50,908	44,383	59,161	48,665	55,440	43,930	28,689	30,889
Kansas City, Kans.	751,463	707,613	1,106,022	1,138,407	900,873	824,868	705,975	670,907	684,090
Louisville, Ky.	27,586	37,177	41,482	32,976	21,537	27,138	18,706	33,485	24,556
Oklahoma City,Okla.	120,465	93,471	91,382	77,174	55,951	78,493	69,411	89,378	79,841
Omaha, Nebr.	474,946	396,248	566,354	544,541	476,064	390,109	378,652	329,313	354,728
Sioux City, Iowa.	218,823	213,681	288,831	281,369	248,635	246,878	300,268	237,368	274,192
So. St. Joseph, Mo.	61,930	64,332	103,621	96,531	84,736	70,930	55,830	51,049	59,871
So.St.Paul, Minn.	159,174	144,397	305,963	222,527	172,893	207,599	290,600	203,410	198,273
Wichita, Kans.	109,376	128,276	197,911	197,606	192,722	199,534	152,100	197,655	204,962
All other inspected	180,530	140,629	224,108	193,842	185,271	177,468	195,528	267,957	344,185
Total	3,284,738	2,827,475	4,038,860	3,798,914	3,275,658	3,098,044	3,087,305	2,974,076	3,204,408

Bureau of Agricultural Economics. Compiled from Bureau of Animal Industry inspection records.

Table 14. Feeder Cattle: Origin and destination of inspected shipments from public stockyards, 1920-1928. (Continued)

	1920	1921	1922	1923	1924	1925	1926	1927	1928
State destination:									
Colorado	140,992	96,104	126,360	158,979	165,513	130,830	168,541	179,555	210,466
Illinois	293,508	330,496	545,916	500,136	438,817	437,349	435,129	290,198	309,807
Indiana	133,415	136,227	150,836	148,638	136,921	150,139	167,490	136,489	112,865
Iowa	471,091	467,858	840,711	742,236	570,040	487,334	577,426	431,250	499,010
Kansas	439,778	335,878	510,797	511,454	473,431	467,713	377,651	423,054	478,047
Kentucky	43,824	59,703	54,121	49,222	25,115	40,789	43,400	86,144	58,701
Michigan	54,603	53,197	50,212	46,027	46,829	48,678	41,443	35,556	41,180
Minnesota	34,989	24,983	17,643	21,504	30,668	35,952	31,639	24,618	29,403
Missouri	309,600	311,549	395,438	418,404	285,497	276,836	254,721	266,514	229,228
Nebraska	360,187	378,121	659,480	648,248	565,373	426,470	374,496	386,200	473,669
Ohio	102,426	115,119	122,939	112,602	89,817	97,003	101,781	92,708	69,663
Oklahoma	186,076	151,775	150,948	114,994	107,515	167,850	158,688	170,506	143,487
Pennsylvania	36,283	38,582	40,774	27,443	24,090	31,094	29,519	31,403	69,910
South Dakota	53,505	48,064	62,606	69,583	57,104	38,315	32,444	49,785	64,398
Texas	307,253	105,016	110,873	95,349	127,506	116,333	151,304	159,583	196,464
Wisconsin	42,308	35,491	30,130	22,492	22,947	26,156	29,054	12,064	11,615
All others	274,900	139,312	169,076	111,603	108,475	119,201	112,569	198,449	206,495
Total 1/	3,284,738	2,827,475	4,038,860	3,798,914	3,275,658	3,098,044	3,087,305	2,974,076	3,204,408

Bureau of Agricultural Economics. Compiled from Bureau of Animal Industry Inspection records.

1/ Includes 2 head shipped to Alaska in 1925 and 10 head in 1926.

Table 15. Carlot shipments of cattle into California for years 1926, 1927 and 1928 with State of origin

Origin	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Arizona	333	314	353	211	360	267	146	189	442	1,132	1,905	967	6,619
Colorado	11	22	55	21	-	3	6	9	22	26	41	50	266
Idaho	179	151	145	99	37	18	20	59	218	362	191	153	1,632
Mexico	10	3	10	1	-	-	-	-	-	16	80	45	165
Montana	135	19	4	27	13	2	1	6	114	64	83	112	580
Nevada	258	330	342	253	97	40	52	158	548	446	297	322	3,143
New Mexico	134	48	17	-	-	19	23	5	57	227	281	197	1,008
Oregon	137	79	57	32	8	39	30	74	283	283	303	102	1,427
Texas	160	40	90	48	3	4	16	93	22	92	343	258	1,169
Utah	431	425	299	217	32	39	17	28	113	333	356	366	2,656
Washington	-	2	1	9	3	2	6	3	6	2	11	7	52
Wyoming	30	12	8	2	-	1	4	4	61	131	149	51	453
Total	1,818	1,445	1,381	920	553	434	321	628	1,886	3,114	4,010	2,630	19,170
1927													
Arizona	512	311	186	319	551	500	235	311	485	1,738	2,525	1,137	8,810
Colorado	88	132	60	14	17	8	10	10	45	15	3	11	433
Idaho	161	58	73	27	18	21	25	59	259	247	290	133	1,371
Mexico	-	-	47	26	38	4	-	-	-	66	57	-	238
Montana	61	18	6	15	-	-	4	-	16	60	45	72	297
Nebraska	2	9	-	-	-	-	-	-	1	-	-	-	12
Nevada	310	257	290	95	31	88	22	55	460	672	584	328	3,192
New Mexico	141	38	31	12	42	21	7	6	11	190	460	-	959
Oregon	71	60	26	27	23	25	16	27	91	339	168	112	985
Texas	95	39	69	84	5	9	4	47	-	56	139	94	641
Utah	461	411	400	53	9	76	31	47	170	289	436	402	2,785
Washington	2	1	2	1	2	-	2	1	4	5	1	-	21
Wisconsin	-	1	1	-	-	5	5	7	4	2	-	6	31
Wyoming	23	20	5	16	11	-	-	2	35	56	76	34	278
Total	1,927	1,355	1,216	689	747	757	361	572	1,581	3,735	4,784	2,329	20,053

Table 15. Carlot shipments of cattle into California for years 1926, 1927 and 1928 with State of origin-(C

Origin	January	February	March	April	May	June	July	August	September	October	November	December	Total
1928													
Arizona	540	205	210	176	260	360	210	232	574	1,936	1,861	1,168	7,732
Colorado	19	32	23	4	2	12	13	5	8	24	162	90	394
Idaho	48	68	55	17	8	13	15	46	179	254	307	191	1,201
Mexico	-	10	5	4	-	-	12	-	-	-	-	-	31
Montana	46	16	11	3	-	1	2	1	30	45	45	62	262
Nebraska	1	1	1	-	-	-	-	10	-	-	-	1	14
Nevada	249	244	219	85	66	30	24	113	560	379	387	343	2,699
New Mexico	62	40	15	3	-	-	3	-	15	667	236	128	1,169
Oregon	79	48	44	23	47	13	29	58	268	364	196	65	1,234
Texas	99	57	50	7	22	8	6	15	15	120	95	85	579
Utah	402	224	177	57	26	18	20	32	164	297	409	332	2,158
Washington	5	4	2	2	-	1	1	9	7	5	-	3	39
Wisconsin	-	-	-	-	-	4	2	2	2	8	-	6	24
Wyoming	5	1	3	2	-	-	-	5	11	35	54	29	145
Total	1,555	950	815	383	431	460	337	528	1,833	4,134	3,752	2,503	17,681

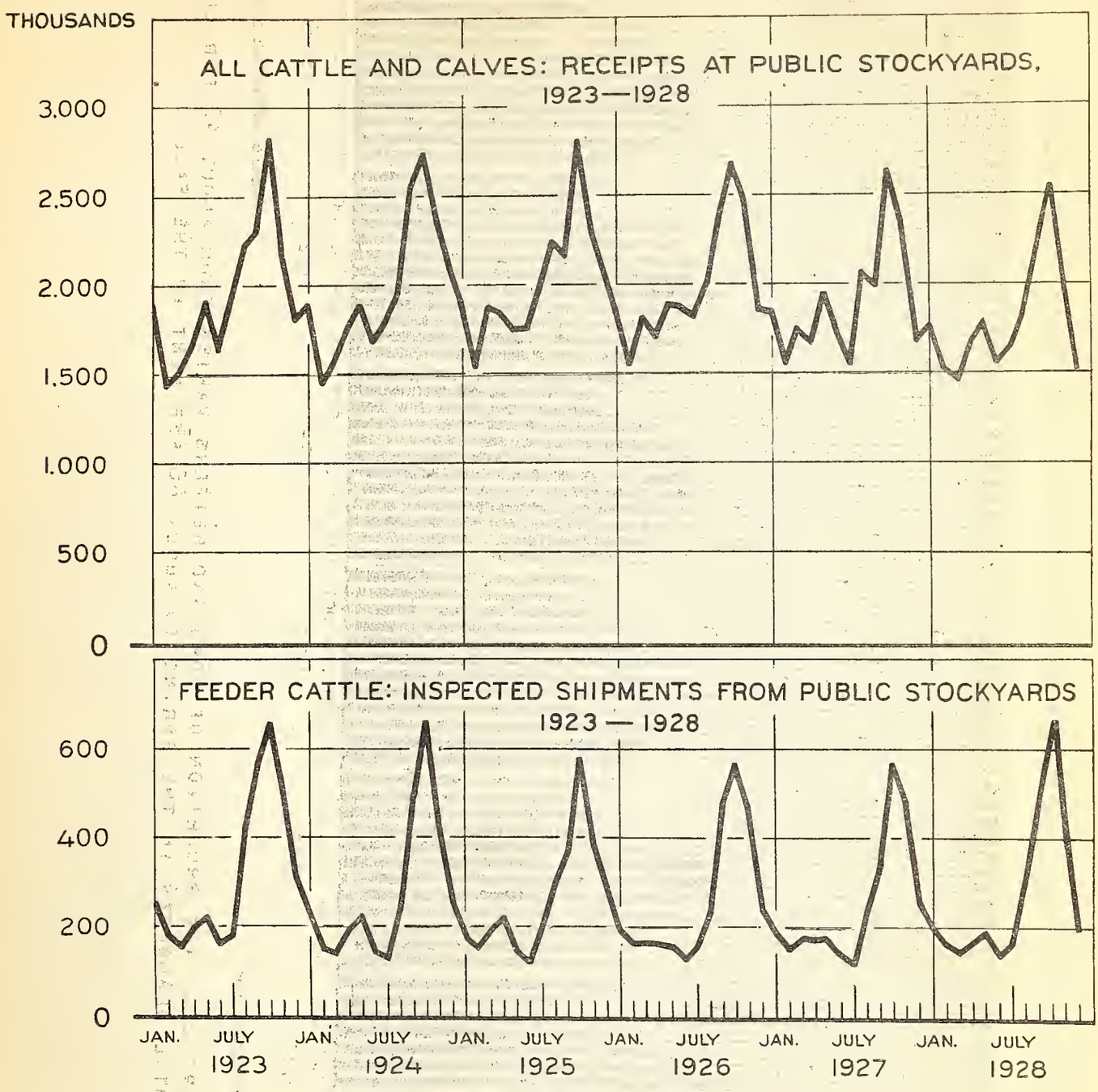


FIGURE 24. RECEIPTS AND SHIPMENTS OF CATTLE SHOW GREAT SEASONAL REGULARITY. RECEIPTS HAVE SHOWN A DOWNWARD TREND IN RECENT YEARS

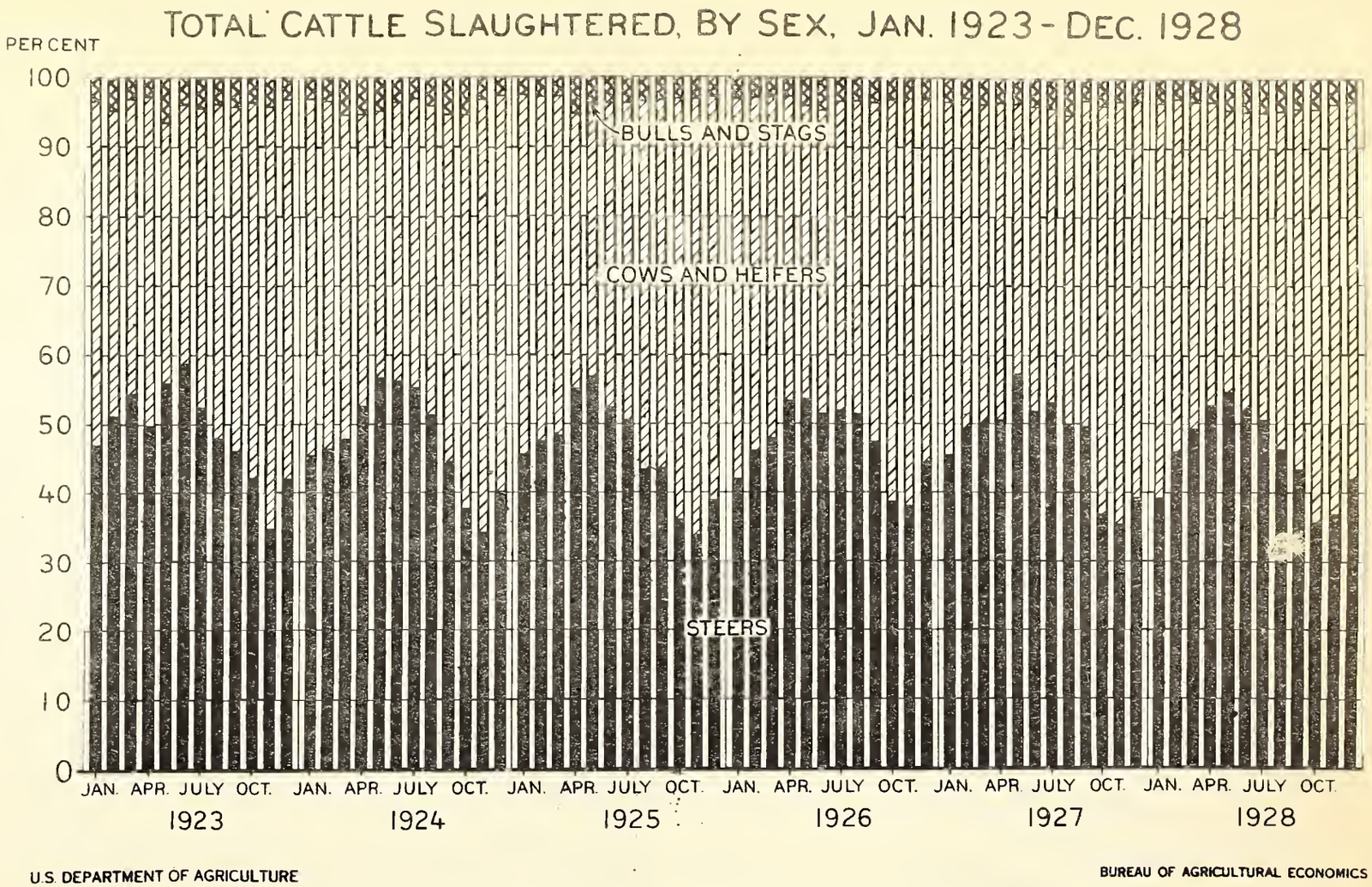


FIGURE 25. THE PROPRTION OF COWS AND HEIFERS VARIES FROM ABOUT 40 PER CENT OF THE TOTAL SLAUGHTER IN THE SPRING TO ABOUT 60 PER CENT IN THE FALL

Table 16. Meat: Estimated per capita consumption of beef, mutton and pork in specified countries, pre-war, annual, 1921 - 1927

Country and year	Beef and veal	Mutton and lamb	Pork and lard	Total
	Pounds	Pounds	Pounds	Pounds
Canada -				
Pre-war	60.9	9.1	66.7	136.7
1921	71.0	11.4	73.5	155.9
1922	72.9	9.8	74.0	156.8
1923	70.6	8.6	81.5	160.7
1924	70.2	5.2	90.4	165.8
1925	70.2	5.0	72.5	147.7
1926	70.1	6.0	75.2	151.3
1927	68.8	6.1	81.4	156.3
United States -				
Pre-war	74.0	7.3	72.7	154.0
1921	63.9	5.9	74.8	144.6
1922	67.7	5.0	80.3	153.0
1923	69.1	5.2	90.0	164.3
1924	69.7	5.2	90.1	165.0
1925	70.8	5.2	80.8	156.8
1926	71.6	5.5	79.2	156.3
1927	65.4	5.4	82.3	153.1
Argentina -				
Pre-war	254.9	32.2	15.1	302.2
1921	195.0	38.7	26.8	260.5
1922	293.3	29.1	24.1	346.5
1923	320.8	23.4	26.1	370.3
1924	300.7	15.7	27.7	344.1
1925	264.7	15.8	24.3	304.8
1926	245.7	19.6	25.0	290.3
1927	260.7	20.2	28.5	309.4
United Kingdom-				
Pre-war	61.3	29.3	34.2	124.8
1921	57.2	26.9	33.2	117.3
1922	62.9	26.5	37.0	126.4
1923	63.8	24.9	41.2	129.9
1924	62.5	22.1	43.1	-
1925	64.3	23.9	38.9	-
1926	64.8	25.0	35.2	-
1927		24.9	41.7	-

Table 16. Meat: Estimated per capita consumption of beef, mutton and pork in specified countries, pre-war, annual, 1921 - 1927 -(Continued)

Country and year	Beef and veal	Mutton and lamb	Pork and lard	Total
	Pounds	Pounds	Pounds	Pounds
France -				
Pre-war	49.2	9.5	47.0	105.7
1921	46.4	6.8	35.6	88.8
1922	47.4	6.8	37.8	92.0
1923	47.0	7.2	38.0	92.2
1924	49.3	7.0	40.0	96.3
1925	49.7	6.6	37.3	93.6
1926	49.0	7.8	-	-
1927	-	6.6	-	-
Germany -				
Pre-war	40.6	2.3	73.1	116.0
1921	31.7	2.1	46.0	-
1922	32.5	1.9	41.4	-
1923	22.8	1.2	39.1	-
1924	34.7	1.8	54.7	-
1925	39.6	2.0	59.9	-
1926	39.8	1.8	62.0	-
1927	-	1.6	71.6	-
Australia -				
New South Wales:				
Pre-war	152.3	97.5	14.4	264.2
1921	94.0	66.1	10.7	170.8
1922	112.6	86.1	14.6	213.3
1923	123.0	78.3	13.9	215.2
1924	126.1	59.9	14.8	200.8
1925	125.3	54.7	15.6	195.6
1926	-	-	-	-
1927	-	-	-	-

Foreign Crops and Markets, Vol. 17, No. 3 pages 97-98.

Table 17. Apparent per capita consumption of meats and lard in the United States

Year	Beef	Veal	Lamb or mutton	Pork	Lard
	Pounds	Pounds	Pounds	Pounds	Pounds
1910	71.1	6.8	6.4	57.1	11.4
1911	67.7	6.4	7.8	64.5	11.3
1912	61.1	6.3	8.1	61.8	11.2
1913	60.6	5.1	7.5	63.0	11.4
1914	58.4	4.6	7.4	62.3	12.2
1915	54.5	4.3	6.3	59.5	12.9
1916	56.0	5.3	6.1	60.1	13.6
1917	59.5	6.5	4.6	49.3	11.7
1918	63.0	7.4	4.7	54.8	13.3
1919	61.6	7.7	5.8	54.8	12.3
1920	63.1	7.6	5.5	60.5	13.3
1921	56.9	7.0	5.9	63.5	11.3
1922	60.4	7.3	5.0	66.1	14.2
1923	61.4	7.7	5.2	74.7	15.3
1924	61.6	8.2	5.2	74.7	15.4
1925	62.2	8.7	5.2	67.6	13.2
1926	63.6	8.2	5.5	65.7	13.5
1927	58.4	7.4	5.4	68.5	13.8
1928	51.7	6.8	5.6	73.9	14.7

Compiled by John Roberts - Bureau of Animal Industry.

Table 18. Weights of the wholesale and retail cuts of an open side of beef weighing 291 pounds 1/

	Pounds		Pounds
Round and rump (62 pounds):		Chuck (58 pounds):	
Top round steak	12	Chuck roast	32
Bottom round steak	11	Cross rib roast	11
Round roast	2¾	Boneless neck	9
Rump roast	12¼	Fat	1½
Shank meat	9¾	Bones	4½
Soup bones	5½	Flank (9½ pounds):	
Fat	1¼	Flank steak	1½
Bones	7½	Lean trimmings	3½
Full loin (65 pounds):		Fat	4½
Sirloin	22	Plate (20¼ pounds):	
Porterhouse steak	17½	Stewing beef	20
Tip steak	5¾	Lean trimmings	¼
Tip roast	5¼	Brisket (21¾ pounds):	
Hanging tenderloin	2	Sticking piece	4¼
Kidney	1	Stewing beef	16¼
Suet	9½	Fat	1¼
Fat	1	Fore shank (22¾ pounds):	
Bones	1	Shoulder clod	9¾
Rib (30 pounds):		Shank meat	5
Rib roast	29	Soup bones	4
Bones	1	Bones	4

United States Department of Agriculture Yearbook Separate, No.874.p.311.

1/ Loss in making wholesale cuts 1¾ pounds, due largely to the fact that in weighing the cuts ¼ pound was the smallest unit considered.

Table 19. Source and season of supply of slaughter cattle for California, 1927.

January, February, March		April, May, June		July, August, September		October, November, December	
Source	Supply Cars	Source	Supply Cars	Source	Supply Cars	Source	Supply Cars
Colorado	100	California counties:		California counties:		Arizona	1,150
Nevada	2,008	Fresno	1,210	Humboldt	235	California counties:	
New Mexico	950	Imperial	2,000	Mendocino	180	Lassen	250
Texas	86	Madera	430	Monterey	900	Modoc	680
Utah	1,000	Merced	1,500	Placer	130	Shasta	468
		San Benito	290	Plumas	260	Siskiyou	520
		San Joaquin	720	Santa Clara	584	Idaho	425
		Stanislaus	1,385	S. Luis Obispo	965	Montana	135
		Tulare	1,420			Oregon	525
						Wyoming	100

Unofficial estimate by W. E. Schneider, Federal State Market News Service, San Francisco.

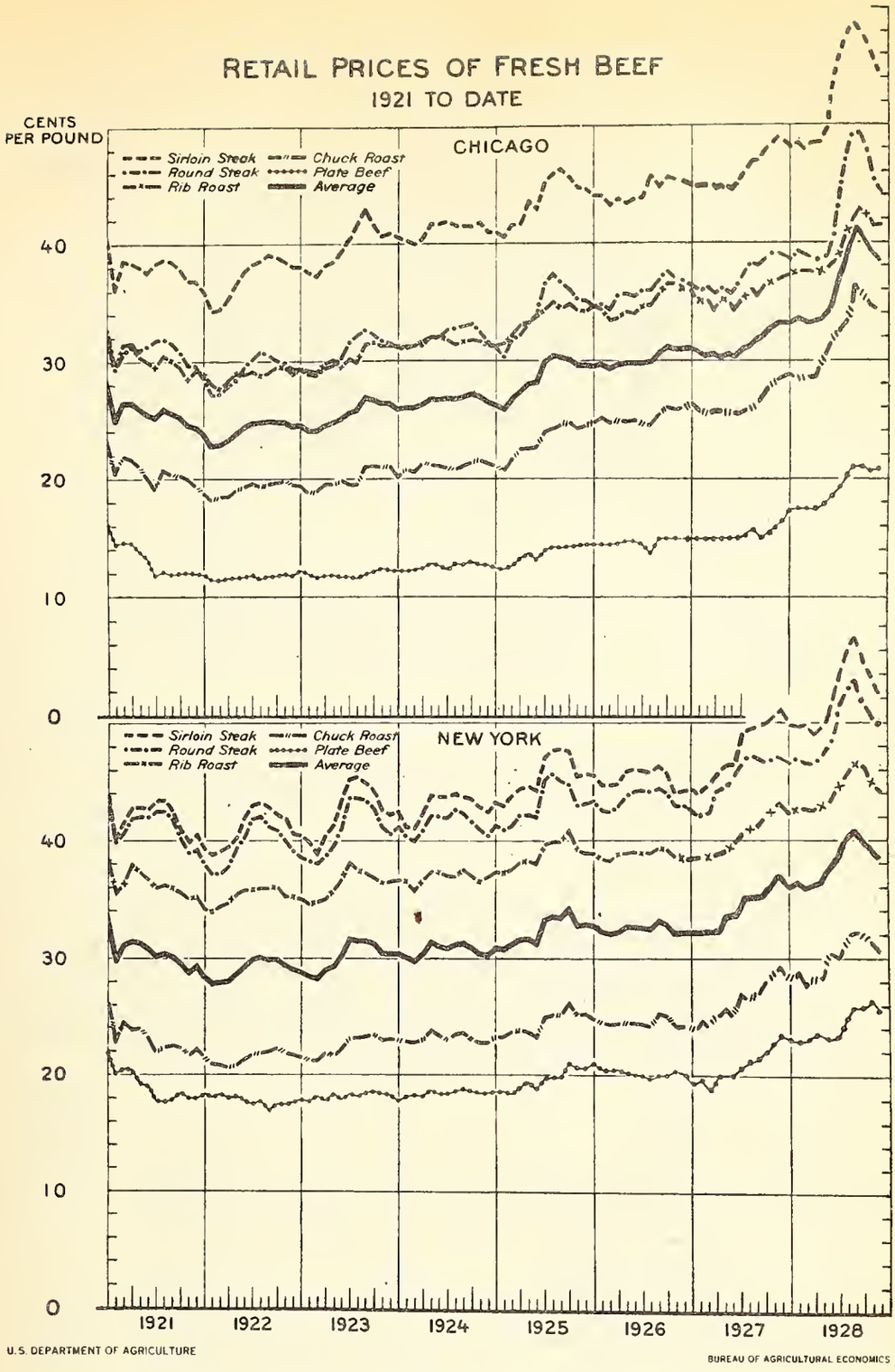


FIGURE 26. DIFFERENT CUTS OF BEEF MEET A GREATLY DIFFERENT DEMAND IN DIFFERENT CITIES. IN CHICAGO, FOR INSTANCE, THERE IS A WIDE SPREAD IN PRICE BETWEEN SIRLOIN AND ROUND STEAK WHILE IN NEW YORK THE SPREAD IS ONLY SLIGHT. THESE CONSUMER PREFERENCES ARE REFLECTED BACK TO THE PRODUCER IN THE PRICE HE RECEIVES FOR DIFFERENT KINDS OF CATTLE. IN THIS CHART NOTE ALSO THE GRADUAL UPWARD TREND OF RETAIL PRICES AND THE VERY HIGH PRICES PREVAILING DURING A PART OF 1928

RELATION BETWEEN PRICE AND SUPPLY OF CATTLE AT CHICAGO 1890-1928

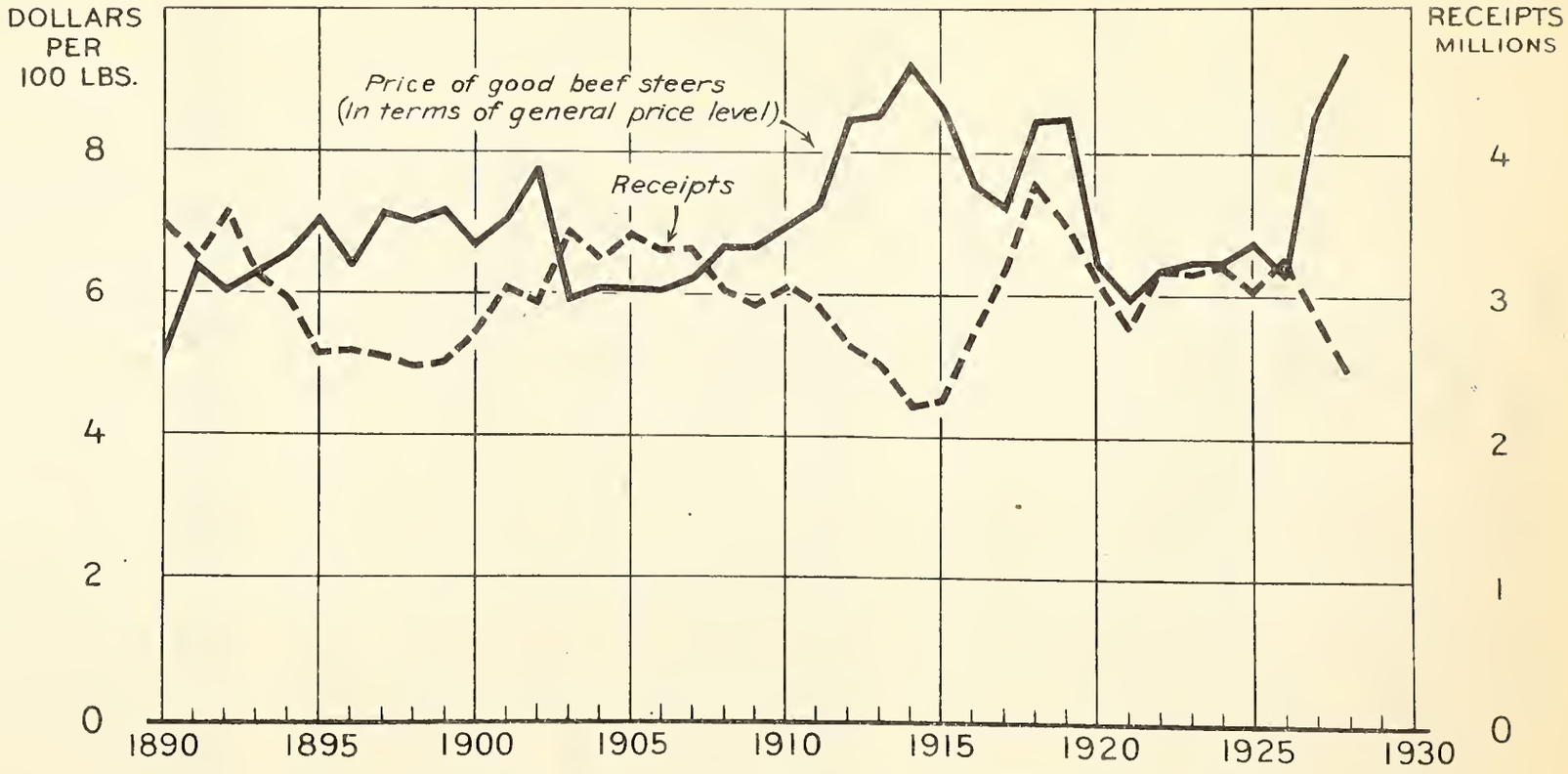


FIGURE 27. PRICE OF BEEF STEERS IS MAINLY DETERMINED BY THE RECEIPTS. WHEN RECEIPTS DECREASE SHARPLY AS THEY HAVE IN RECENT YEARS PRICES RISE SHARPLY

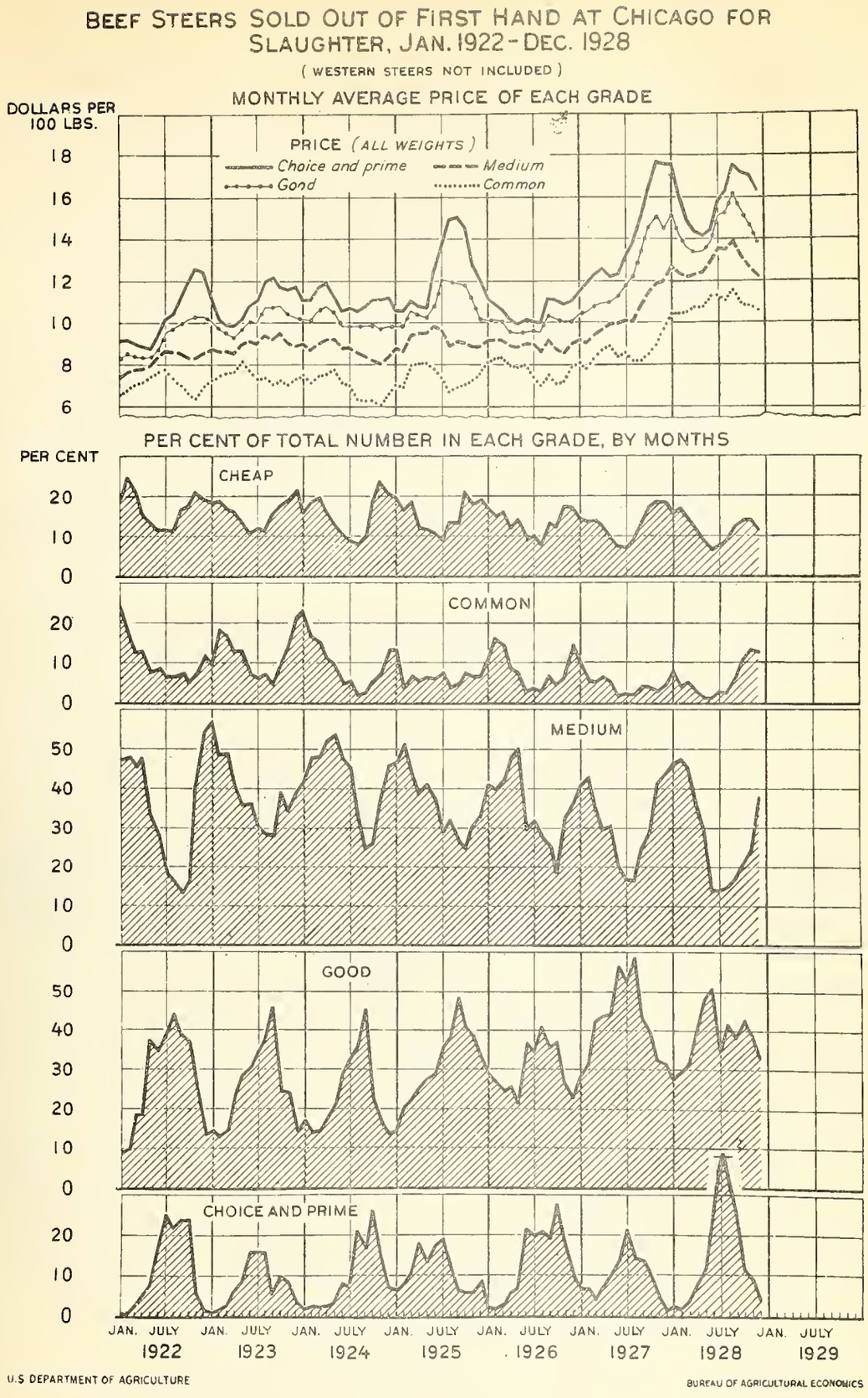


FIGURE 28. THE BETTER GRADES OF SLAUGHTER CATTLE USUALLY BRING THE BEST PRICE IN LATE SUMMER OR FALL AND THE POORER GRADES SELL BETTER RELATIVELY, IN THE SPRING OR EARLY SUMMER

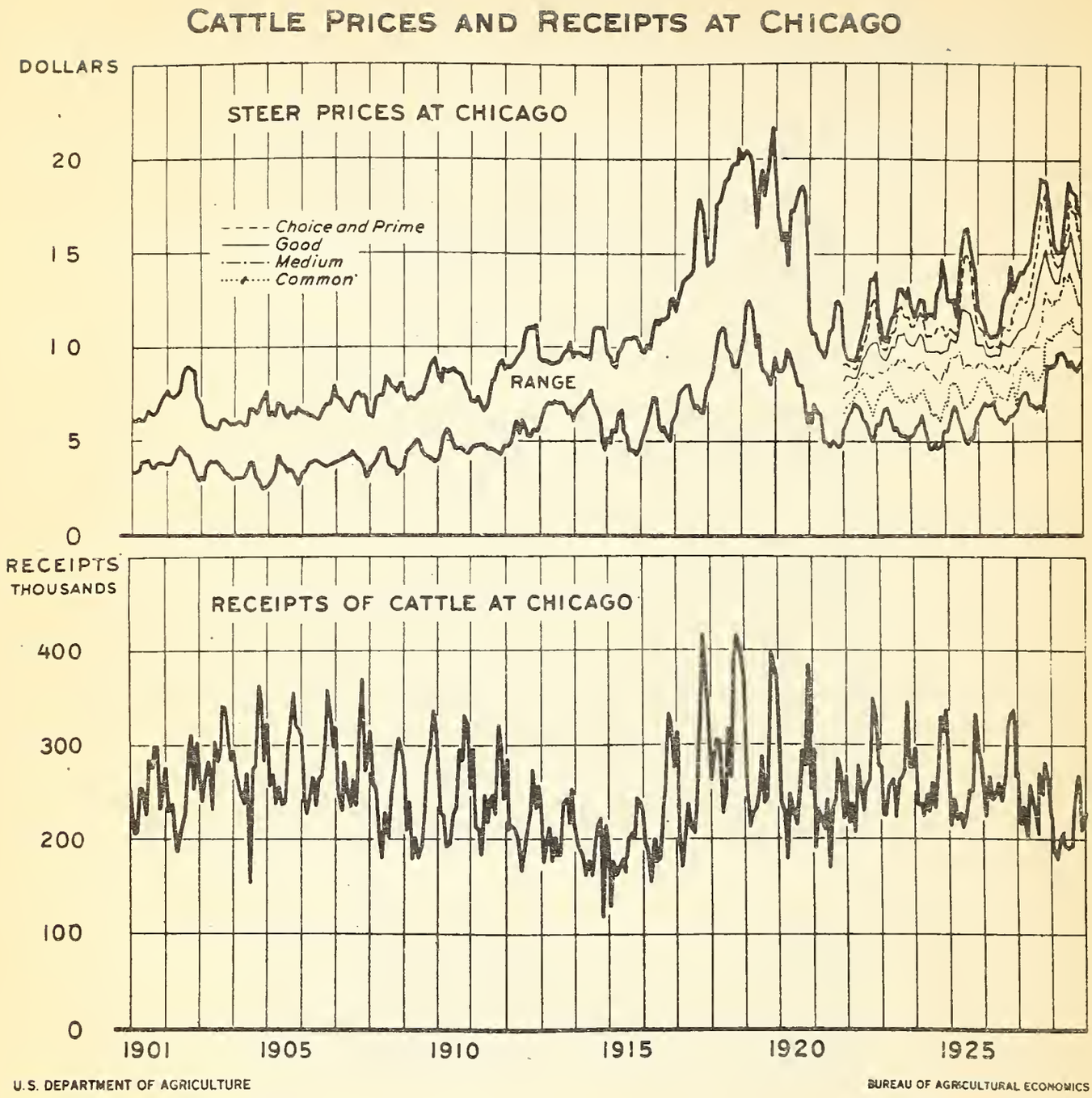


FIGURE 29. ALTHOUGH THERE IS REGULAR SEASONAL VARIATION IN PRICES FOR THE DIFFERENT GRADES OF CATTLE, THE GENERAL TREND OF PRICES IS DETERMINED TO A LARGE EXTENT BY THE SUPPLY ON THE MARKET

Table 20. Stocker and feed cattle: Average price per 100 pounds, Chicago, by months, 1902-1927

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Dolls.	Dolls	Dolls.	Dolls.	Dolls	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1902	3.70	4.00	4.10	4.15	4.20	4.20	4.10	4.15	4.05	3.70	3.40	3.30	3.92
1903	3.60	3.75	4.20	4.35	4.10	4.00	3.70	3.45	3.25	3.20	3.10	3.05	3.65
1904	4.30	3.45	3.70	3.80	4.00	3.15	3.50	3.35	3.30	3.25	3.15	2.90	3.49
1905	3.65	3.70	3.90	3.95	4.20	4.00	3.40	3.30	3.45	3.35	3.25	3.35	3.62
1906	3.80	3.90	4.00	4.00	4.15	3.90	3.65	3.75	3.90	3.75	3.70	3.80	3.86
1907	4.10	4.25	4.45	4.60	4.55	4.50	4.20	4.00	4.05	3.85	3.80	3.75	4.18
1908	3.85	4.20	4.35	4.80	4.60	4.40	4.15	4.10	3.90	3.95	4.00	4.20	4.21
1909	4.55	4.70	4.60	4.80	4.85	4.75	4.50	4.30	4.35	4.30	4.25	4.40	4.53
1910	4.65	4.85	5.50	5.60	5.50	4.85	4.45	4.50	4.50	4.70	4.60	4.70	4.87
1911	5.15	5.10	5.25	5.10	4.95	4.50	4.35	4.45	4.55	4.40	4.50	4.60	4.74
1912	4.90	5.20	5.60	6.15	6.25	5.85	5.40	5.70	5.65	5.60	5.85	5.50	5.64
1913	6.15	7.10	7.45	7.50	7.40	7.15	7.25	7.30	7.35	6.95	6.75	6.65	7.08
1914	7.10	7.25	7.30	7.55	7.80	7.35	7.20	7.30	7.15	6.80	(1)	(1)	- - -
1915	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	- - -
1916	(1)	6.90	7.65	7.80	8.15	7.90	7.00	6.90	6.70	6.60	6.65	6.95	- - -
1917	7.50	7.75	8.60	8.75	8.90	8.50	7.90	8.35	8.50	8.40	8.75	8.50	8.37
1918	8.80	9.00	10.25	10.50	10.75	10.90	10.25	10.85	10.90	10.25	10.00	10.25	10.22
1919	10.85	11.50	12.00	12.65	12.40	11.15	10.15	10.75	9.90	10.15	9.75	9.15	10.87
1920	9.95	9.20	10.00	(2)	10.00	9.40	8.80	8.30	8.85	8.85	8.10	7.10	- - -
1921	7.20	6.80	8.10	7.40	7.35	6.10	6.10	5.90	5.50	5.65	5.45	5.75	6.44
1922	5.90	6.65	6.85	7.35	7.35	6.90	6.20	6.65	6.75	6.70	6.30	6.30	6.66
1923	6.90	7.10	7.25	7.10	7.55	6.75	5.85	6.10	6.45	6.00	5.95	6.00	6.58
1924	6.15	6.25	6.80	7.00	7.45	6.75	6.25	5.95	6.10	6.20	5.75	5.55	6.35
1925	6.35	6.80	7.45	6.95	6.90	6.30	6.35	6.65	6.60	7.00	6.90	7.30	6.80
1926	7.75	7.70	8.15	7.85	7.80	7.90	6.75	6.75	7.20	6.95	6.95	6.85	7.40
1927	7.30	7.65	8.25	8.70	9.00	8.50	7.75	8.05	8.45	9.25	9.55	9.45	8.75

Division of Statistical and Historical Research, Compiled from Chicago Drovers' Journal Yearbook.

1. Feeder market closed November, 1914, to January, 1916
2. Practically no sales April, 1920.

Table 21. Good beef steers: Average price per 100 pounds, Chicago, by months, 1900-1928.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1900	5.20	4.85	4.85	4.95	5.10	5.20	5.25	5.40	5.35	5.25	5.15	5.00	5.15
1901	4.85	4.80	4.95	5.15	5.30	5.55	5.10	5.10	5.50	5.45	5.50	5.65	5.25
1902	5.70	5.55	6.05	6.45	6.60	6.95	7.10	7.05	6.65	6.20	5.20	4.80	6.20
1903	4.80	4.60	4.75	4.90	4.80	4.90	4.95	5.00	4.95	4.70	4.45	4.55	4.80
1904	4.65	4.50	4.60	4.65	4.85	5.60	5.40	5.10	5.10	5.20	4.95	4.40	4.95
1905	4.65	4.75	5.00	5.75	5.45	5.25	4.95	5.00	5.05	4.80	4.65	4.75	5.05
1906	5.00	5.05	5.15	5.05	5.20	5.20	5.40	5.45	5.50	5.60	5.60	5.50	5.30
1907	5.60	5.55	5.55	5.65	5.65	6.20	6.40	6.25	6.10	6.10	5.40	5.10	5.80
1908	5.30	5.40	6.00	6.50	6.60	6.90	6.45	6.00	5.95	5.70	5.90	6.00	6.10
1909	6.00	5.85	6.10	6.10	6.45	6.45	6.45	6.70	6.75	6.60	6.45	6.20	6.35
1910	6.20	6.35	7.35	7.55	7.50	7.50	7.10	6.85	6.80	6.60	6.20	6.00	6.80
1911	6.15	6.15	6.20	6.10	5.95	6.05	6.30	6.95	6.80	6.75	6.70	6.65	6.40
1912	6.85	6.60	7.20	7.65	7.95	8.00	7.90	8.50	8.15	7.90	8.10	7.85	7.75
1913	7.80	8.25	8.30	8.15	8.00	8.15	8.25	8.30	8.50	8.40	8.25	8.20	8.25
1914	8.45	8.30	8.35	8.50	8.40	8.60	8.80	9.10	9.35	9.05	8.60	8.35	8.65
1915	8.05	7.50	7.65	7.70	8.35	8.80	9.20	9.05	8.95	8.80	8.70	8.35	8.40
1916	8.35	8.35	8.75	9.10	9.50	9.85	9.25	9.45	9.40	9.75	10.15	10.00	9.50
1917	10.15	10.50	11.25	11.75	11.90	12.15	12.35	12.70	13.10	11.70	11.10	11.40	11.60
1918	12.10	12.00	12.60	14.70	15.40	15.85	16.05	15.75	16.00	14.80	15.05	14.90	14.65
1919	15.80	15.95	16.05	15.85	15.00	13.55	15.60	16.45	15.50	16.15	15.10	14.35	15.50
1920	13.95	13.05	13.10	12.30	12.25	14.95	15.00	14.85	15.05	14.20	12.00	10.10	13.30
1921	8.70	8.20	9.05	8.15	8.25	8.00	8.10	8.50	8.00	8.10	7.40	7.00	8.20
1922	7.23	7.62	7.79	7.96	8.21	8.73	9.42	9.52	9.84	10.23	9.16	8.76	8.65
1923	8.88	8.62	8.70	8.81	9.28	9.74	9.71	10.36	10.18	9.94	9.46	8.96	9.40
1924	8.99	8.81	9.17	9.52	9.59	9.28	9.31	9.53	9.52	9.57	8.90	8.71	9.24
1925	8.97	9.15	9.93	9.99	9.90	10.34	11.28	11.10	11.04	10.80	10.16	9.72	10.16
1926	9.49	9.42	9.42	9.11	9.07	9.51	9.44	9.30	10.00	10.00	9.48	9.43	9.47
1927	9.70	9.81	10.20	10.51	10.68	11.12	11.78	12.02	12.63	13.43	13.57	13.08	11.36
1928	13.67	13.15	12.83	13.01	13.19	13.86	15.11	15.30	15.91	14.61	13.84	12.86	13.91

Division of Statistical and Historical Research. Prior to July 1920, monthly figures compiled from Chicago Drovers' Journal Yearbook; subsequent figures compiled from data of the reporting service of the Division of Livestock, Meats, and Wool, Bureau of Agricultural Economics.

Table 22. Stocker and Feeder Steers: Monthly average price per 100 pounds at important markets 1924 - 1928

Year and month	Stocker and Feeder Steers			
	Chicago	Omaha	Denver	Salt Lake
	Dolls.	Dolls.	Dolls.	Dolls.
1924:	750# and up:		Common to Choice:	
January	6.72	6.62	6.53	5.85
February	6.71	6.78	6.52	6.00
March	7.17	7.02	6.77	6.00
April	7.51	7.24	7.13	6.00
May	8.26	7.39	7.20	6.00
June	7.78	7.17	6.90	6.00
July	7.30	6.95	6.62	5.81
August	6.74	6.79	6.54	5.64
September	6.66	6.87	6.22	5.25
October	6.50	6.69	6.13	5.54
November	6.25	6.18	6.15	5.54
December	6.11	5.78	5.85	5.39
1925:				
January	6.46	6.15	6.12	5.12
February	6.88	6.50	6.40	5.15
March	7.57	7.05	6.96	5.70
April	7.57	7.05	7.01	6.12
May	7.55	7.06	7.17	6.12
June	6.92	6.67	7.01	6.12
	800# and up:		Good and Choice	
July	7.76	7.62	7.52	-
August	8.20	7.92	7.54	-
September	8.02	8.11	7.44	-
October	8.02	8.07	7.58	6.89
November	8.18	8.12	7.78	6.90
December	8.20	8.37	7.98	7.32
1926:				
January	8.34	8.50	8.15	7.55
February	8.38	8.63	8.23	7.47
March	8.68	8.70	8.38	7.50
April	8.46	8.39	8.16	7.45 1/
May	8.62	8.42	8.18	7.37
June	8.70	8.42	8.18	7.27
July	8.05	7.86	7.88	-
August	7.55	7.54	7.58	-
September	7.77	8.01	7.64	7.00
October	7.63	7.83	7.63	6.99
November	7.67	7.83	7.55	7.08
December	7.72	7.69	7.36	7.12

1/ Not representative of limits of quality within the grade.

Table 22. Stocker and Feeder Steers: Monthly average price per 100 pounds at important markets 1924 - 1928 (Continued)

Year and month	Stocker and Feeder Steers			
	Chicago	Omaha	Denver	Salt Lake
	Dolls.	Dolls.	Dolls.	Dolls.
	800# and up:	Good and Choice-(Continued)		
1927:				
January	8.02	7.91	7.54	7.12
February	8.16	8.34	8.01	7.07
March	8.64	8.65	8.45	7.27
April	9.00	8.80	8.80	7.62
May	9.35	8.98	9.08	7.79
June	9.13	8.97	9.09	7.92
July	9.00	9.03	9.01	7.25
August	9.15	9.49	8.95	7.30
September	9.68	9.97	8.94	7.85
October	10.08	10.12	9.44	8.22
November	10.73	10.53	10.25	8.89
December	11.13	10.80	10.72	9.49
1928:				
January	11.42	11.61	11.18	9.48
February	11.76	11.72	11.66	9.75
March	11.77	11.82	11.79	9.72
April	12.04	11.92	11.94	9.64
May	12.17	12.00	12.00	9.75
June	12.38	12.12	12.03	9.75
July	12.51	12.44	12.28	9.78
August	12.74	12.61	12.52	9.88
September	13.08	12.92	12.56	10.46
October	12.16	12.20	11.85	10.37
November	11.61	11.61	11.37	10.03
December	11.41	11.78	11.04	9.68

Division of Livestock, Meats and Wool, Bureau of Agricultural Economics.

Table 23. Beef Steers (1,100 pounds and down): Monthly average price per 100 pounds at important markets.

Year and month	North Portland, Ore.			San Francisco			Los Angeles		
	Good	Medium	Common	Good	Medium	Common	Good	Medium	Common
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1923:									
July	-	-	-	6.98	6.50	5.50	7.33	6.79	6.04
August	-	-	-	7.00	6.50	5.50	7.44	6.88	6.12
September	7.40	6.57	5.38	7.09	6.59	5.50	7.66	7.06	6.24
October	7.15	6.30	5.08	7.25	6.75	5.50	7.45	6.85	6.00
November	7.14	6.25	5.06	7.25	6.75	5.75	8.01	7.36	6.24
December	7.30	6.14	4.88	8.11	7.20	5.75	8.24	7.50	6.06
1924:									
January	7.82	6.42	4.93	8.83	7.88	6.19	8.65	7.74	6.49
February	8.32	6.88	5.32	9.25	8.12	6.12	8.88	7.75	6.50
March	8.35	6.93	5.38	9.19	8.09	6.12	8.96	7.92	6.58
April	8.41	7.01	5.44	8.87	7.92	6.10	-	-	-
May	8.50	7.34	5.75	8.12	7.36	6.00	8.40	7.14	5.80
June	8.45	7.20	5.72	7.75	7.00	5.92	8.31	6.83	5.08
July	-	6.83	5.24	7.97	7.00	5.75	8.22	7.07	5.20
August	-	6.74	5.02	-	7.00	5.75	-	7.47	5.51
September	-	6.80	5.00	7.75	7.00	5.75	8.14	7.20	5.39
October	-	6.79	5.17	7.75	7.00	5.71	8.34	7.44	5.62
November	7.89	7.01	5.32	7.75	7.00	5.50	7.96	7.04	5.28
December	8.10	7.10	5.72	7.75	7.00	5.55	7.97	6.96	5.24
1925:									
January	7.63	6.84	5.79	7.94	7.19	5.94	8.17	7.17	5.52
February	7.75	7.03	6.06	8.06	7.38	6.12	7.92	7.04	5.34
March	8.43	7.88	7.11	8.36	7.74	6.49	8.52	7.69	5.96
April	9.53	8.87	7.88	9.38	8.63	7.22	9.09	8.28	6.64
May	9.60	8.77	7.56	9.38	8.64	7.33	8.86	7.98	6.30
June	-	8.34	7.09	8.66	8.08	7.12	8.41	7.64	6.10
July	-	7.98	6.89	7.73	7.14	6.31	8.11	7.26	5.50
August	-	7.82	6.73	7.75	7.04	6.02	-	7.38	5.50
September	-	7.68	6.52	-	7.38	6.19	-	7.72	5.86
October	-	7.40	6.12	8.24	7.50	6.25	-	7.76	5.68
November	7.88	7.36	6.16	8.07	7.44	6.25	-	7.88	5.84
December	8.15	7.40	6.22	8.47	7.61	6.25	-	8.11	6.25

Table 23. Beef Steers (1,100 pounds and down): Monthly average price per 100 pounds at important markets-(Continued)

Year and month	North Portland, Ore.			San Francisco			Los Angeles		
	Good	Medium	Common	Good	Medium	Common	Good	Medium	Common
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1926:									
January	8.64	7.95	6.90	9.02	8.16	6.52	-	8.60	7.04
February	8.40	7.63	6.88	9.12	8.44	6.75	-	8.59	7.02
March	8.39	7.58	6.86	8.77	8.26	6.75	8.84	8.13	6.62
April	8.33	7.58	6.86	8.56	7.97	6.56	8.69	7.94	6.50
May	8.54	7.59	6.75	8.38	7.82	6.50	8.36	7.57	6.18
June	-	7.72	6.58	7.91	7.39	6.31	8.26	7.38	6.02
July	-	7.78	6.62	7.84	7.25	6.25	8.20	7.33	6.00
August	8.14	7.50	6.50	7.99	7.48	6.36	8.20	7.41	6.10
September	-	7.46	6.48	8.17	7.58	6.50	8.26	7.49	6.18
October	-	7.14	6.17	8.25	7.62	6.62	8.30	7.61	6.29
November	8.12	7.32	6.25	8.45	7.73	6.63	8.47	7.72	6.32
December	8.34	7.73	6.68	8.75	8.00	6.75	8.85	8.11	6.62
1927:									
January	8.50	7.92	6.88	8.75	8.00	6.75	8.94	8.16	6.73
February	8.86	8.32	7.38	8.75	8.00	6.75	8.86	8.05	6.56
March	9.19	8.55	7.50	9.02	8.24	6.88	9.01	8.22	6.74
April	10.02	9.18	8.02	9.23	8.48	7.10	9.23	8.45	7.15
May	9.70	8.88	7.88	8.54	7.89	6.75	8.99	8.18	6.92
June	9.40	8.62	7.60	8.42	7.83	6.75	8.93	8.13	6.86
July	9.68	8.86	7.64	8.60	7.93	6.75	8.93	8.05	6.73
August	9.32	8.60	7.38	8.88	8.16	6.87	9.23	8.52	7.36
September	9.25	8.38	7.25	9.35	8.60	7.45	9.45	8.70	7.46
October	8.98	8.32	7.18	9.28	8.64	7.64	9.62	8.82	7.58
November	9.79	8.96	7.53	9.98	9.14	7.93	10.16	9.25	7.88
December	11.09	10.10	8.54	11.19	9.97	8.50	11.06	10.13	8.67
1928:									
January	12.05	10.91	9.38	12.24	10.98	8.99	12.30	11.26	9.48
February	12.07	10.98	9.50	12.25	11.00	9.00	12.53	11.56	9.72
March	11.75	10.62	9.12	12.11	10.93	9.00	12.14	11.19	9.35
April	11.76	10.50	9.00	11.50	10.42	8.80	11.48	10.53	8.74
May	11.91	10.54	8.96	11.05	10.00	8.60	11.24	10.27	8.66
June	11.59	10.40	9.12	11.00	9.95	8.58	11.12	10.26	8.77
July	11.76	10.69	9.35	11.18	10.14	8.75	11.63	10.73	9.10
August	12.07	11.15	9.93	11.91	10.81	9.32	12.38	11.38	9.70
September	12.07	11.01	9.71	12.35	11.23	9.73	12.60	11.69	9.90
October	12.14	11.23	9.87	12.22	11.07	9.59	12.49	11.64	9.80
November	11.82	10.88	9.62	12.05	10.83	9.48	12.64	11.70	9.78
December	11.78	10.88	9.75	11.86	10.61	9.15	12.62	11.78	9.78

Table 23. Beef Steers (1,100 pounds and down): Monthly average price per 100 pounds at important markets - (Continued)

Year and month	Fort Worth			Denver			Chicago		
	Good	Medium	Common	Good	Medium	Common	Good	Medium	Common
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1923:									
July	7.25	5.84	4.12	-	-	-	9.88	8.77	6.98
August	7.22	5.82	4.10	-	-	-	10.64	9.12	6.99
September	7.54	6.02	4.49	9.46	7.96	6.25	10.80	8.86	6.81
October	7.60	6.14	4.68	8.93	7.45	5.96	10.96	9.29	6.80
November	7.68	6.20	4.78	8.22	6.92	5.63	10.65	9.09	6.68
December	8.16	6.73	5.07	7.97	6.90	5.83	10.78	9.13	6.69
1924:									
January	8.65	7.19	5.24	8.36	7.27	6.06	10.65	9.21	6.94
February	8.49	7.02	5.16	8.42	7.38	6.08	10.41	8.82	6.66
March	8.25	6.88	5.13	8.78	7.82	6.34	10.67	9.05	6.97
April	8.55	7.19	5.39	9.22	8.25	6.69	10.88	9.25	7.18
May	8.47	7.16	5.54	9.20	8.26	6.76	10.55	9.19	7.40
June	8.17	6.82	5.28	8.80	7.77	6.38	9.85	8.62	6.87
July	7.79	6.49	4.95	8.84	7.74	6.20	10.02	8.65	6.63
August	7.75	6.25	4.62	9.24	8.06	6.36	9.90	8.20	6.02
September	7.99	6.40	4.44	9.09	7.69	5.92	9.94	8.22	5.96
October	8.00	6.26	4.26	9.11	7.59	5.72	10.70	8.74	6.08
November	8.00	6.25	4.25	9.08	7.56	5.64	11.06	8.60	5.80
December	8.11	6.41	4.33	8.81	7.15	5.33	12.02	9.11	6.16
1925:									
January	8.06	6.42	4.42	8.79	7.08	5.32	11.84	9.23	6.66
February	8.21	6.77	4.92	8.71	7.06	5.33	10.86	8.63	6.48
March	8.30	7.01	5.39	9.27	7.74	5.98	11.05	9.49	7.53
April	8.57	7.38	5.96	9.34	7.99	6.27	10.76	9.45	7.75
May	8.55	7.43	5.88	9.22	8.05	6.54	10.74	9.42	7.87
June	8.39	7.18	5.58	9.40	8.34	6.85	11.01	9.53	7.52
July	8.75	7.26	5.10	9.52	8.16	6.59	11.88	9.57	7.07
August	8.75	7.20	4.95	9.60	7.68	6.08	11.88	8.72	6.28
September	8.75	7.12	4.88	9.35	7.19	5.59	12.01	8.81	6.39
October	8.75	7.12	4.88	9.50	7.44	5.85	11.76	8.87	6.60
November	8.75	7.12	4.88	9.42	7.56	5.98	11.02	8.73	6.78
December	8.66	7.13	4.99	9.25	7.65	6.06	10.37	8.89	7.33

Table 23. Beef Steers (1,100 pounds and down): Monthly average price per 100 pounds at important markets - (Continued)

Year and month	Fort Worth			Denver			Chicago		
	Good	Medium	Common	Good	Medium	Common	Good	Medium	Common
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1926:									
January	8.62	7.25	5.25	9.23	7.86	6.32	10.48	9.24	7.59
February	8.54	7.16	5.27	8.91	7.79	6.34	10.54	9.36	7.88
March	8.46	7.24	5.79	8.86	7.78	6.39	10.38	9.35	8.05
April	8.22	7.15	5.92	8.58	7.58	6.29	9.74	8.85	7.57
May	7.79	6.56	5.56	8.43	7.54	6.27	9.70	8.86	7.56
June	7.24	6.09	5.22	8.78	7.91	6.60	9.70	8.88	7.74
July	7.13	5.98	5.22	8.70	7.73	6.46	9.94	8.81	7.26
August	7.36	6.10	5.24	8.73	7.62	6.26	9.88	8.43	6.79
September	7.76	6.46	5.35	8.97	7.70	6.35	10.54	8.98	7.18
October	8.12	6.75	5.50	8.88	7.50	6.26	10.62	8.80	6.91
November	8.12	6.75	5.50	8.89	7.48	6.29	10.88	8.80	6.88
December	8.12	6.75	5.50	8.90	7.56	6.30	11.58	9.49	7.40
1927:									
January	8.26	6.90	5.51	8.82	7.55	6.25	11.21	9.32	7.46
February	8.39	7.12	5.62	8.92	7.70	6.34	10.63	9.07	7.49
March	8.65	7.45	5.92	9.11	8.04	6.68	10.67	9.42	8.13
April	9.13	7.92	6.27	9.36	8.38	6.95	10.81	9.72	8.44
May	9.11	7.85	6.35	9.23	8.32	6.97	11.15	10.06	8.65
June	9.12	7.86	6.28	10.11	9.01	7.49	11.19	9.86	8.47
July	9.25	8.04	6.38	10.72	9.58	7.78	11.63	10.19	8.18
August	9.49	8.13	6.49	10.90	9.51	7.71	12.18	10.08	7.84
September	9.75	8.32	6.70	10.93	9.34	7.63	13.11	10.59	7.80
October	9.75	8.36	6.76	11.09	9.41	7.58	14.12	11.09	8.03
November	10.52	9.03	7.12	11.58	9.70	7.84	15.06	11.67	8.40
December	11.25	9.24	7.14	11.96	9.88	8.00	14.96	12.00	9.17
1928:									
January		9.60	7.56	12.13	10.02	8.19	15.18	12.81	10.12
February		9.85	7.89	12.24	10.17	8.43	14.47	12.32	9.99
March		9.78	7.90	12.10	10.20	8.49	13.66	12.27	9.96
April		9.94	8.06	12.25	10.70	8.98	13.53	12.24	10.06
May		10.27	8.49	12.54	11.22	9.57	13.53	12.22	10.49
June		10.61	8.79	12.78	11.61	9.93	13.96	12.72	10.98
July		10.84	9.04	13.66	12.30	10.38	15.03	13.41	10.78
August		10.88	8.95	14.11	12.51	10.38	15.34	13.24	10.52
September		11.30	9.11	14.21	12.44	10.23	16.09	13.77	10.96
October		10.79	8.84	13.81	11.92	9.83	15.58	13.01	10.38
November		10.49	8.62	13.20	11.36	9.38	15.11	12.64	10.22
December		10.05	8.25	12.48	10.64	8.93	14.34	12.16	10.12

INDEX NUMBERS OF PRICES OF BEEF STEERS, LAMBS, WOOL, AND ALL COMMODITIES.

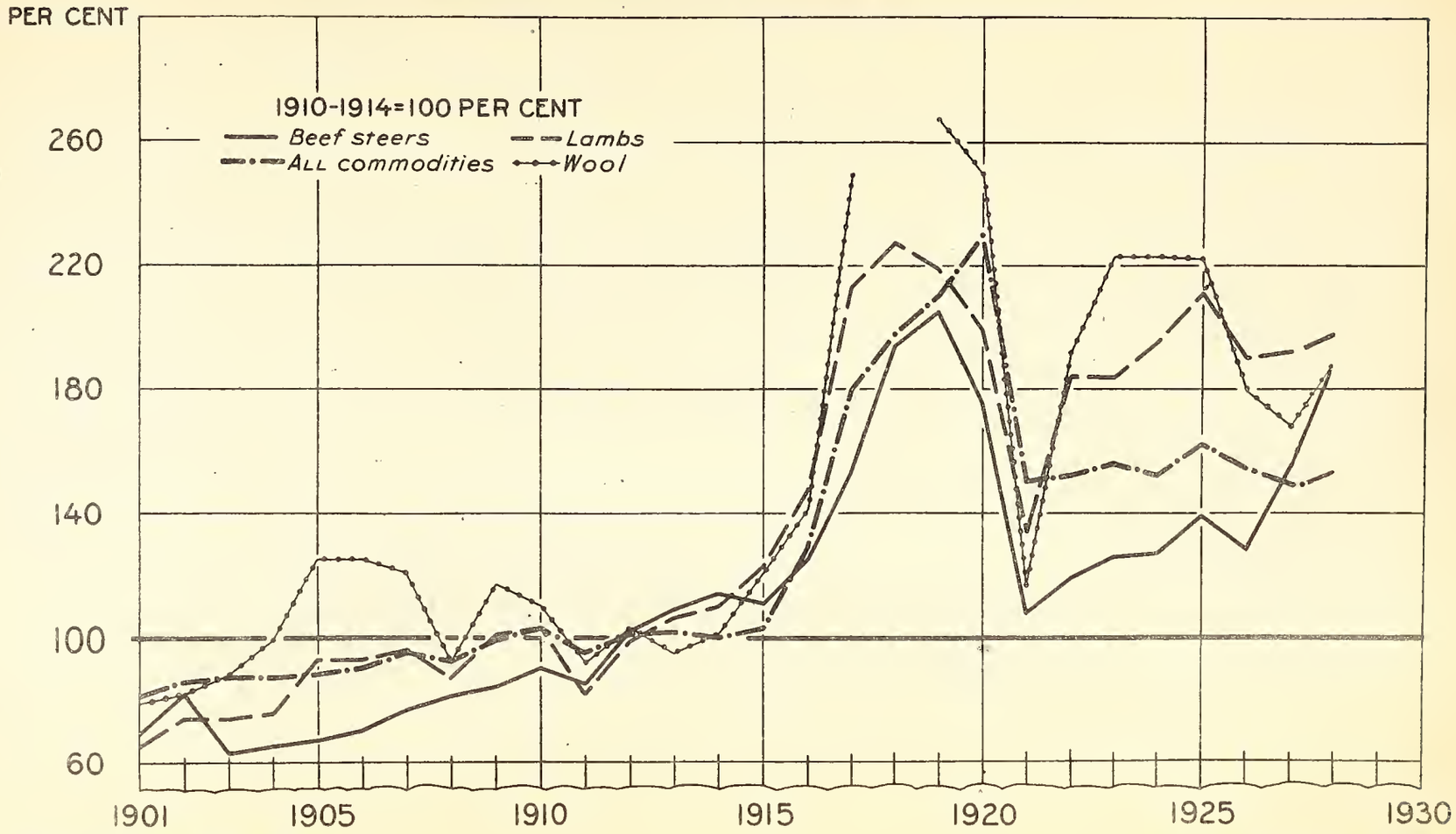
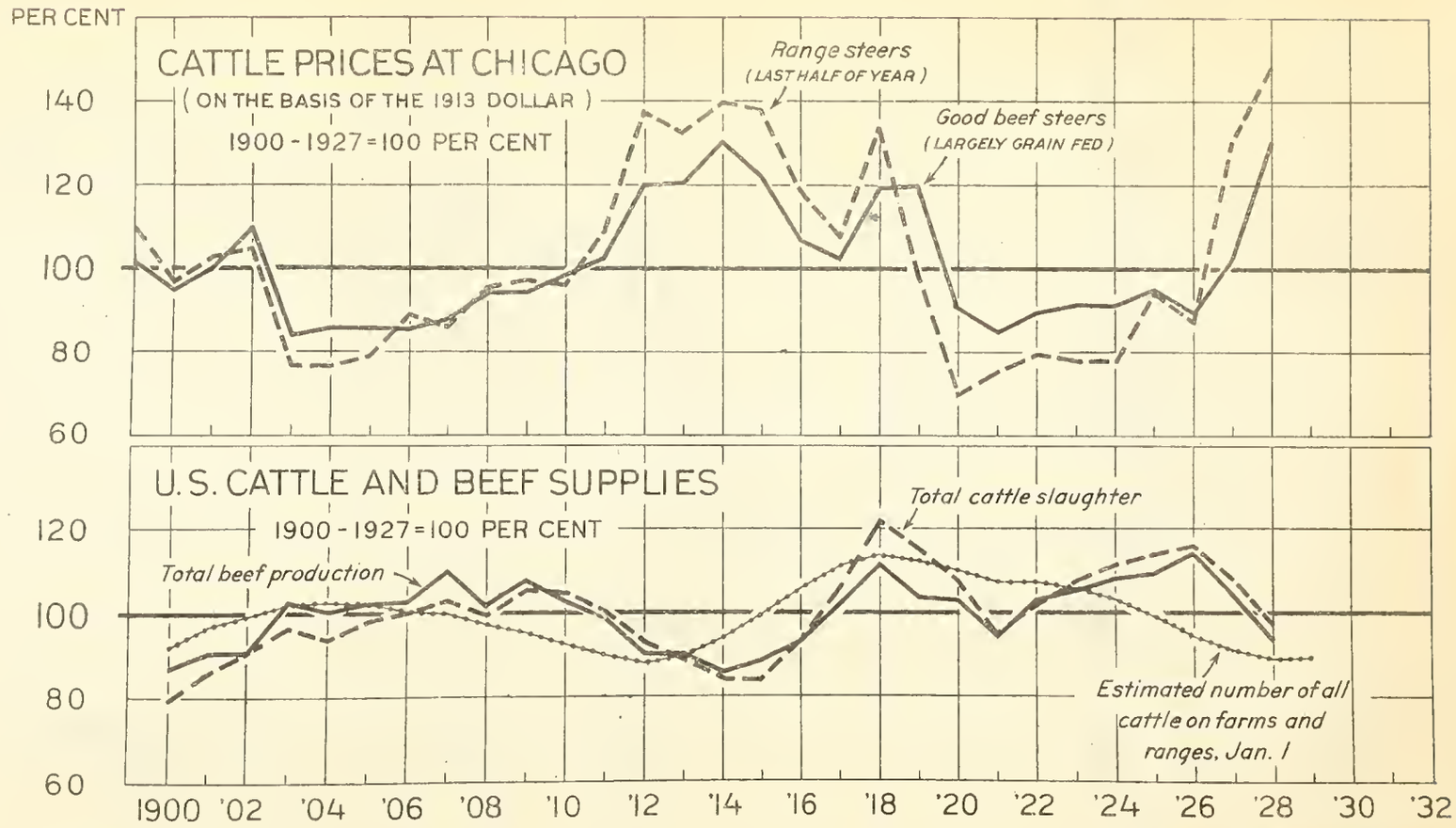


FIGURE 30. PRICES OF LAMBS AND WOOL HAVE BEEN RELATIVELY HIGHER THAN THE GENERAL LEVEL OF ALL COMMODITY PRICES FOR SEVERAL YEARS WHEREAS BEEF AND CATTLE PRICES HAVE BEEN ABOVE THE GENERAL PRICE LEVEL ONLY SINCE 1926

CATTLE: NUMBER, SLAUGHTER, PRICES, AND BEEF PRODUCTION, 1899-1929
EACH EXPRESSED IN PER CENT OF ITS AVERAGE FOR 1900-1927


PER CENT
CATTLE PRICES AT CHICAGO
(ON THE BASIS OF THE 1913 DOLLAR)
1900 - 1927 = 100 PER CENT
Range steers
(LAST HALF OF YEAR)
Good beef steers
(LARGELY GRAIN FED)
140
120
100
80
60
U.S. CATTLE AND BEEF SUPPLIES
1900 - 1927 = 100 PER CENT
Total cattle slaughter
Total beef production
Estimated number of all cattle on farms and ranges, Jan. 1
120
100
80
60
1900 '02 '04 '06 '08 '10 '12 '14 '16 '18 '20 '22 '24 '26 '28 '30 '32

U.S. DEPARTMENT OF AGRICULTURE

BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 31. PRICES FOR RANGE CATTLE GO HIGHER IN TIMES OF HIGH PRICES FOR CATTLE AND GO LOWER IN TIMES OF LOW PRICES FOR CATTLE THAN IS TRUE OF PRICES FOR GRAIN-FED CATTLE. IT IS USUALLY ABOUT TWO YEARS AFTER CATTLE NUMBERS REACH THE LOW POINT IN THE CYCLE THAT THE LOW POINT IN SLAUGHTER AND THE PEAK IN PRICES ARE REACHED

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928.

Year and Month	Slaughter Cattle: Beef Steers: 1,100 lbs. up: Choice and Prime	Good	Medium	Common	1,100 lbs. down: Choice and Prime	Good	Medium	Common	Canner and Cutter
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1923:									
July	11.13	10.20	9.08	7.70	10.85	9.88	8.77	6.98	4.53
August	12.08	10.87	9.31	7.45	11.82	10.64	9.12	6.99	4.48
September	12.43	10.95	8.99	7.09	12.21	10.80	8.86	6.81	4.41
October	12.01	10.90	9.27	6.94	12.03	10.96	9.29	6.80	4.34
November	11.82	10.58	8.99	6.76	11.95	10.65	9.09	6.68	4.28
December	11.97	10.58	9.04	6.93	12.15	10.78	9.13	6.69	4.25
1924:									
January	11.66	10.45	9.11	7.38	11.82	10.65	9.21	6.94	4.51
February	11.62	10.44	8.88	7.08	11.64	10.41	8.82	6.66	4.50
March	11.84	10.82	9.22	7.50	11.74	10.67	9.05	6.97	4.79
April	12.08	11.13	9.47	7.75	11.79	10.88	9.25	7.18	5.06
May	11.65	10.76	9.39	7.94	11.35	10.55	9.19	7.40	5.20
June	10.88	10.11	8.93	7.49	10.57	9.85	8.62	6.87	4.86
July	10.94	10.14	8.80	6.97	10.61	10.02	8.65	6.63	4.62
August	10.75	9.92	8.30	6.38	10.68	9.90	8.20	6.02	4.10
September	10.78	9.92	8.29	6.20	11.00	9.94	8.22	5.96	3.93
October	11.21	10.20	8.69	6.18	11.90	10.70	8.74	6.08	4.00
November	11.57	10.29	8.60	5.90	12.45	11.06	8.60	5.80	3.94
December	12.28	11.12	9.11	6.34	13.72	12.02	9.11	6.16	4.13
1925:									
January	11.94	11.09	9.20	6.72	13.29	11.84	9.23	6.66	4.74
February	11.53	10.55	8.65	6.69	12.29	10.86	8.63	6.48	4.61
March	11.60	10.76	9.54	7.79	12.03	11.05	9.49	7.53	5.59
April	11.36	10.51	9.49	7.95	11.70	10.76	9.45	7.75	5.95
May	11.16	10.45	9.48	8.02	11.56	10.74	9.42	7.87	6.30
June	11.46	10.81	9.69	7.90	11.75	11.01	9.53	7.52	5.92

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928 - (Continued)

Year and Month	Slaughter Cattle: Beef Steers: 1,500 lbs. up, Good and Choice	1,100-1,500 lbs.: Choice	1,100-1,500 lbs.: Good	1,100-1,500 lbs.: Medium	1,100-1,500 lbs.: Common	1,100 lbs. down: Choice	1,100 lbs. down: Good	1,100 lbs. down: Medium	1,100 lbs. down: Common	Canner and Cutter
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1925:										
July	13.05	13.65	12.03	9.78	7.57	13.53	11.88	9.57	7.07	5.14
August	14.40	14.94	12.32	9.26	6.86	14.62	11.88	8.72	6.28	4.70
September	14.81	15.42	12.64	9.36	6.83	14.78	12.01	8.81	6.39	4.71
October	14.60	15.38	12.67	9.32	7.00	14.51	11.76	8.87	6.60	4.94
November	12.86	13.64	11.34	9.00	7.01	13.28	11.02	8.73	6.78	4.90
December	12.02	12.44	10.66	9.24	7.65	11.98	10.37	8.89	7.33	5.33
1926:										
January	11.12	11.60	10.45	9.26	7.77	11.84	10.48	9.24	7.59	5.46
February	10.83	11.45	10.41	9.38	8.09	11.66	10.54	9.36	7.88	5.87
March	10.51	10.92	10.27	9.37	8.24	11.09	10.38	9.35	8.05	6.25
April	10.04	10.30	9.71	8.88	7.68	10.33	9.74	8.85	7.57	6.01
May	9.78	10.13	9.63	8.91	7.70	10.20	9.70	8.86	7.56	6.14
June	9.97	10.26	9.70	8.95	7.89	10.22	9.70	8.88	7.74	6.37
										Low Cutter and Cutter
July	9.62	10.18	9.64	8.83	7.41	10.43	9.94	8.81	7.26	5.92
August	9.39	10.17	9.54	8.48	6.82	10.54	9.88	8.43	6.79	5.50
September	10.45	11.11	10.26	9.05	7.31	11.47	10.54	8.98	7.18	5.56
October	10.10	11.26	10.34	8.64	6.98	11.89	10.62	8.80	6.91	5.50
November	9.79	11.11	10.46	8.71	7.01	12.13	10.88	8.80	6.88	5.53
December	9.94	11.58	10.88	9.37	7.42	12.98	11.58	9.49	7.40	5.70
1927:										
January	11.03	11.87	10.88	9.39	7.60	12.54	11.21	9.32	7.46	6.18
February	11.84	12.28	11.04	9.54	7.78	12.14	10.63	9.07	7.49	6.14
March	12.31	12.57	11.47	10.11	8.32	12.03	10.67	9.42	8.13	6.67
April	12.52	12.78	11.71	10.24	8.81	12.04	10.81	9.72	8.44	7.14
May	12.73	13.04	11.94	10.50	8.93	12.01	11.15	10.06	8.65	7.32
June	12.90	13.17	12.05	10.50	8.81	12.09	11.19	9.86	8.47	7.32

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928 - (Continued)

Year and Month	Slaughter Cattle: Beef Steers: 1,500 lbs. up, Good and Choice	1,300-1,500 lbs.: Choice	1,300-1,500 lbs.: Good	1,100-1,300 lbs.: Choice	1,100-1,300 lbs.: Good	950-1,100 lbs.: Choice	950-1,100 lbs.: Good	800 lbs. up: Medium	800 lbs. up: Common
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1927:									
July	13.45	14.06	13.03	13.61	12.34	13.00	11.63	10.19	8.18
August	13.18	14.17	12.68	14.04	12.40	13.75	12.18	10.08	7.84
September	14.19	15.31	13.64	15.24	13.43	15.04	13.11	10.59	7.80
October	15.25	16.62	14.58	16.54	14.38	16.31	14.12	11.09	8.03
November	16.29	17.88	15.62	17.73	15.33	17.60	15.06	11.67	8.40
December	16.21	17.75	15.60	17.51	15.28	17.16	14.96	12.00	9.17
1928:									
January	16.71	18.02	16.11	17.68	15.81	17.24	15.18	12.81	10.12
February	15.89	16.78	15.30	16.42	14.93	16.01	14.47	12.32	9.99
March	14.66	15.09	14.17	14.86	13.98	14.66	13.66	12.27	9.96
April	14.22	14.62	13.76	14.56	13.71	14.32	13.53	12.24	10.06
May	13.89	14.36	13.59	14.37	13.59	14.40	13.53	12.22	10.49
June	14.08	14.50	13.78	14.63	13.90	14.70	13.96	12.72	10.98
July	15.18	15.86	14.96	15.90	15.02	15.98	15.03	13.41	10.78
August	15.33	16.27	15.12	16.39	15.20	16.48	15.34	13.24	10.52
September	16.68	17.76	16.12	17.78	16.09	17.75	16.09	13.77	10.96
October	15.75	17.18	15.51	17.25	15.51	17.36	15.58	13.01	10.38
November	15.38	16.97	15.00	17.02	15.10	17.17	15.11	12.64	10.22
December	14.87	16.11	14.45	16.15	14.42	16.36	14.34	12.16	10.12

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928 - (Continued)

Year and Month	Slaughter Cattle							
	Light yearling steers and heifers, (800 lbs. down) Good and prime	Heifers		Cows			Bulls	
		850 lbs. up, Good and Choice	All Weights, Common and Medium	Good and Choice	Common and Medium	Canner and Cutter	Good and Choice	Canner to Medium (Canner and Bologna)
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1923:								
July	10.04	8.96	6.61	7.30	4.78	3.14	6.21	4.78
August	10.33	9.22	6.04	7.48	4.56	2.99	6.14	4.14
September	10.62	9.58	6.24	7.15	4.40	3.00	6.15	4.18
October	10.82	9.62	6.27	7.08	4.57	2.93	5.77	3.88
November	10.74	9.32	5.99	6.89	4.43	2.77	5.56	3.64
December	11.08	9.63	6.26	6.72	4.55	2.92	5.74	4.08
1924:								
January	10.91	9.23	6.14	6.67	4.64	3.07	6.03	4.56
February	10.76	8.83	5.99	6.40	4.66	3.16	5.83	4.46
March	10.97	9.08	6.45	6.74	4.98	3.39	5.77	4.43
April	10.81	9.29	6.73	7.48	5.15	3.25	6.03	4.38
May	10.41	9.10	6.67	7.72	5.40	3.29	6.07	4.37
June	9.28	8.36	6.18	6.81	4.70	3.20	5.96	4.32
July	9.49	8.73	6.31	6.85	4.63	3.04	5.93	4.19
August	9.84	9.00	6.15	6.86	4.54	2.85	5.73	3.73
September	10.07	9.28	6.12	6.42	4.26	2.94	5.68	3.80
October	10.66	9.41	5.97	6.15	4.08	2.96	5.14	3.67
November	10.87	9.14	5.66	5.92	4.04	3.03	5.14	3.64
December	11.54	9.00	5.49	5.78	3.95	2.84	5.27	3.77
1925:								
January	11.38	9.07	5.86	6.29	4.41	3.03	5.40	4.09
February	10.72	9.16	6.49	6.37	4.66	3.32	5.38	4.22
March	10.86	9.74	7.06	6.86	5.01	3.58	5.59	4.26
April	10.68	9.79	7.13	7.37	5.31	3.62	6.17	4.58
May	10.68	9.90	7.42	7.64	5.55	3.80	6.48	5.02
June	10.96	10.06	7.46	7.66	5.26	3.39	6.40	4.66

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928 - (Continued)

Year and Month	Slaughter Cattle								
	Steers	Heifers		Cows			Bulls		
	Light yearling Steers and Heifers, (850 lbs. down) Good and Choice	850 lbs. up, Good and Choice	All weights: Common and Medium	Good and Choice	Common and Medium	Canner and Cutter	Good and Choice, (beef) 1,500 lbs. up	Good and Choice, (beef) 1,500 lbs. down, Yearlings excluded	Canner to Medium (Canner and Bologna
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1925:									
July	12.00	10.57	7.55	7.80	4.87	3.31	5.86	6.41	4.56
Aug.	12.23	10.33	6.79	7.78	4.86	3.32	5.80	6.12	4.12
Sept.	12.11	10.03	6.53	7.54	4.78	3.35	5.81	6.16	4.11
Oct.	11.74	9.60	6.14	7.14	4.64	3.42	5.84	6.12	4.33
Nov.	11.03	9.15	6.07	7.15	4.84	3.65	5.82	6.15	4.49
Dec.	10.42	9.03	6.69	7.44	5.27	3.91	6.02	6.59	4.79
1926:									
Jan.	10.41	9.00	7.14	7.32	5.55	4.26	6.42	6.44	5.43
Feb.	10.38	8.84	7.24	7.10	5.39	4.10	6.26	6.33	5.61
Mar.	10.05	8.88	7.37	7.41	5.70	4.28	6.34	6.54	5.73
Apr.	9.46	8.62	7.16	7.16	5.58	4.24	6.44	6.62	5.90
May	9.41	8.66	7.25	7.14	5.98	4.84	6.67	6.92	6.05
June	9.59	8.88	7.35	7.34	5.73	4.32	6.56	6.74	5.75

Year and Month	Yearling Steers and Heifers, (850 lbs. down) Good and Choice	Low Cutter and Cutter	Good and Choice, 1,500 lbs. up	Good and Choice, 1,500 lbs. down (Yearlings excluded	Cutter to Medium
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1926:					
July	9.87	4.04	6.64	6.84	5.70
Aug.	9.86	4.13	6.74	6.84	5.44
Sept.	10.56	4.18	6.43	6.58	5.24
Oct.	10.97	4.20	6.30	6.54	5.36
Nov.	10.86	4.06	6.42	6.65	5.56
Dec.	11.25	4.34	6.59	6.84	5.81
1927:					
Jan.	10.97	4.60	7.06	7.25	6.32
Feb.	10.64	4.66	6.54	6.86	6.01
Mar.	10.70	4.79	6.80	7.21	6.28
Apr.	10.36	5.27	7.44	7.79	6.58
May	10.57	5.46	7.24	7.59	6.54
June	10.72	4.98	7.17	7.47	6.37

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928 -(Continued)

Year and Month	SLAUGHTER CATTLE						SLAUGHTER CALVES				
	Cows				Bulls (Yearlings excl.)		Calves (500 lbs. down)		Vealers (milk-fed)		
	Choice	Good	Common and Medium	Low Cutter and Cutter	Good and Choice (beef)	Cutter, Common and Medium	Medium Good and Choice	Cull and Common	Good and Choice	Medium	Cull and Common
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1927:											
July	9.12	7.68	6.17	5.00	7.46	6.35	8.73	6.60	13.32	12.01	9.22
Aug.	9.44	7.80	6.05	5.04	7.24	6.11	9.26	6.84	14.75	13.15	9.56
Sept.	9.83	8.15	6.28	5.12	7.18	6.11	8.68	6.50	15.94	14.01	9.82
Oct.	9.56	8.14	6.52	5.39	7.58	6.39	8.76	6.53	14.42	13.26	10.30
Nov.	9.93	8.48	6.61	5.38	7.80	6.71	8.52	6.27	13.48	12.12	9.58
Dec.	10.74	9.31	7.18	5.66	8.76	7.25	8.38	6.25	13.09	11.68	9.20
1928:											
Jan.	11.19	9.79	7.59	6.00	9.40	7.73	8.31	6.25	13.70	11.86	9.18
Feb.	10.92	9.41	7.63	6.29	9.43	7.60	9.64	7.08	15.04	13.24	10.35
Mar.	10.84	9.40	7.46	5.97	9.24	7.59	9.86	7.51	13.75	11.81	9.68
Apr.	10.86	9.60	8.24	6.82	9.65	8.21	10.00	8.00	13.02	10.79	9.16
May	11.55	10.06	8.31	6.88	9.84	8.43	10.45	8.10	13.95	11.69	9.43
June	11.49	10.19	8.42	6.80	9.83	8.37	10.75	8.12	13.24	11.26	9.02
July	11.95	10.52	8.37	6.58	10.04	8.25	10.85	8.11	14.84	12.88	9.98
Aug.	12.46	10.67	8.45	6.88	10.29	8.42	11.78	8.41	16.68	14.27	10.41
Sept.	12.64	10.70	8.47	6.97	10.23	8.30	12.21	8.67	17.36	15.43	11.25
Oct.	11.52	10.08	8.05	6.34	10.14	8.09	10.84	8.19	14.94	13.47	10.52
Nov.	11.14	9.71	7.82	6.27	10.37	8.34	10.28	7.70	14.22	12.51	9.87
Dec.	10.33	9.06	7.44	6.05	10.39	8.24	10.07	7.12	13.94	12.10	9.49

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928. - Continued.

Year and Month	Slaughter Calves					Feeder and Stocker Cattle			
						Steers			
	190 lbs. down. Medium to Choice	190 lbs. down. Cull and Common	190-260 lbs. Medium to Choice	260 lbs. up. Medium to Choice	190 lbs. up. Cull and Common	750 lbs. up. Common to Choice	750 lbs. down Common to Choice	Inferior (All Weights)	Cows and Heifers Common to Choice
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1923:									
July	10.14	6.79	9.07	7.33	5.29	7.10	6.40	4.16	4.56
August	10.36	6.60	9.66	6.73	5.07	7.24	6.32	4.07	4.39
September	10.57	7.02	9.40	6.56	5.20	7.26	6.38	4.06	4.29
October	9.82	6.73	8.96	6.35	5.17	6.67	5.99	3.80	4.06
November	8.15	5.76	7.50	5.66	4.18	6.50	6.04	3.92	3.77
December	9.31	6.40	8.07	6.29	5.00	6.64	5.97	3.76	3.94
1924:									
January	11.08	7.31	9.23	7.19	6.16	6.72	6.14	3.78	4.18
February	10.54	7.12	9.10	7.00	5.80	6.71	6.20	3.84	4.19
March	9.75	6.41	8.74	7.03	5.72	7.17	6.61	4.34	4.45
April	9.03	5.83	8.11	6.78	5.30	7.51	6.94	4.79	4.61
May	9.30	6.21	7.98	6.64	5.39	8.26	7.32	5.04	4.57
June	8.74	6.24	7.25	5.97	5.40	7.78	6.76	4.87	4.40
July	9.48	6.80	7.66	5.78	5.57	7.30	6.36	4.57	4.33
August	10.63	7.18	8.62	5.93	5.60	6.74	5.99	3.98	4.10
September	10.72	7.22	8.72	5.78	5.58	6.66	6.26	4.09	4.24
October	10.10	7.48	8.39	5.94	5.49	6.50	6.28	4.22	4.26
November	9.02	6.58	7.54	5.69	5.12	6.25	6.00	3.92	4.01
December	9.97	6.86	8.10	5.77	4.96	6.11	5.83	3.81	3.78
1925:									
January	10.72	7.20	8.91	6.32	5.53	6.46	6.20	4.32	3.84
February	11.94	7.99	9.90	6.74	5.66	6.88	6.55	4.75	4.42
March	11.24	7.60	9.46	6.80	5.46	7.57	7.25	5.64	4.90
April	9.49	6.29	8.02	6.06	5.12	7.57	7.05	5.38	4.90
May	9.42	6.37	8.16	6.22	5.24	7.55	7.14	5.34	5.06
June	9.56	6.85	8.18	6.60	5.08	6.92	6.73	4.99	4.76

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923 - December 1928-Cont'd.

Year and Month	CALVES (MILK-FED EXCL.)		VEALERS		FEEDER AND STOCKER CATTLE					
					STEERS				Heifers	Cows
					800 lbs. up		800 lbs. down			
	Medium to Choice	Cull and Common	Medium to Choice	Cull and Common	Good and Choice	Common and Medium	Good and Choice	Common and Medium	Common to Choice	Common to Choice
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1925:										
July	7.00	4.36	10.91	7.55	7.76	6.52	7.50	6.12	5.15	3.82
Aug.	6.29	4.20	11.94	7.72	8.20	6.70	7.78	6.18	5.16	3.96
Sept.	6.31	4.25	12.18	7.75	8.02	6.33	7.62	5.91	4.97	3.86
Oct.	6.62	4.25	11.19	7.12	8.02	6.45	7.78	6.03	5.21	4.00
Nov.	6.48	4.40	10.60	7.02	8.18	6.63	7.94	6.32	5.32	4.06
Dec.	6.61	4.88	11.30	7.82	8.20	6.82	7.96	6.55	5.38	4.12
1926:										
Jan.	7.48	5.50	12.18	8.31	8.34	6.92	8.14	6.62	5.68	4.59
Feb.	7.31	5.66	12.43	8.27	8.38	7.09	8.22	6.75	5.79	5.00
Mar.	6.98	5.63	12.06	8.14	8.68	7.43	8.41	7.02	5.94	5.08
Apr.	6.87	5.54	9.91	6.70	8.46	7.27	8.20	6.92	5.88	5.04
May	7.40	5.73	11.04	7.26	8.62	7.43	8.38	7.16	6.40	5.50
June	7.27	5.64	11.09	7.67	8.70	7.45	8.43	7.15	6.33	5.42
July	7.25	5.62	11.38	7.85	8.05	6.72	7.96	6.50	5.79	5.00
Aug.	7.86	5.73	12.46	8.26	7.55	6.45	7.59	6.46	5.39	4.72
Sept.	7.21	5.42	12.59	8.17	7.77	6.53	7.86	6.64	5.85	4.73
Oct.	7.40	5.46	11.80	8.06	7.63	6.23	7.73	6.24	5.99	4.85
Nov.	7.25	5.38	11.09	8.30	7.67	6.26	7.75	6.17	5.87	4.75
Dec.	7.28	5.38	11.31	8.32	7.72	6.47	7.85	6.44	5.88	4.86
1927:										
Jan.	7.30	5.52	12.20	8.52	8.02	6.79	8.01	6.72	6.08	4.88
Feb.	7.80	5.85	12.40	8.30	8.16	6.92	8.07	6.74	6.17	5.07
Mar.	7.65	5.88	11.54	7.55	8.34	7.36	8.47	7.18	6.45	5.27
Apr.	7.88	5.98	10.90	7.30	9.00	7.80	8.76	7.54	7.14	5.94
May	8.14	6.09	11.07	7.66	9.35	8.08	9.16	7.88	7.31	6.00
June	8.59	6.37	11.68	8.34	9.13	7.88	9.01	7.57	7.22	5.96

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923-December 1928.(Cont'd.)

Year and Month	Slaughter Cattle							
	Heifers							
	Fed Calves and Yearlings, 750-950 lbs.		850 lbs. down			850 lbs. up		
	Choice	Good	Choice	Good	Common and Medium	Choice	Good	Medium
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1927:								
July	12.63	11.21	11.79	10.51	8.14	11.00	9.66	7.95
Aug.	13.21	11.68	12.66	11.15	8.40	11.38	9.87	7.87
Sept.	14.32	12.28	13.41	11.61	8.53	12.16	10.64	8.35
Oct.	15.52	13.42	14.26	12.08	8.98	12.84	11.29	9.09
Nov.	16.24	13.98	14.38	12.12	8.80	12.85	11.41	9.09
Dec.	16.25	13.62	13.36	11.71	8.94	12.53	11.46	9.33
1928:								
Jan.	16.31	14.04	13.23	12.16	9.80	12.66	11.62	10.00
Feb.	15.60	13.86	13.17	12.20	10.14	12.30	11.46	10.18
Mar.	14.30	13.40	13.10	12.25	10.05	12.13	11.12	9.98
Apr.	14.08	13.06	13.42	12.57	10.34	12.36	11.58	10.56
May	14.15	13.29	13.69	12.93	10.64	12.78	11.89	10.94
June	14.67	13.03	14.44	13.69	11.15	13.30	12.17	11.38
July	15.93	14.95	15.76	14.87	11.76	14.18	13.19	11.76
Aug.	16.47	15.28	16.26	15.00	11.37	14.68	13.67	11.85
Sept.	17.63	16.06	17.02	15.33	11.44	15.26	14.18	11.96
Oct.	17.13	15.56	16.33	14.82	10.78	14.35	13.52	11.33
Nov.	16.49	14.60	14.95	13.42	10.09	13.54	12.44	10.66
Dec.	15.88	13.95	13.86	12.40	9.60	12.54	11.62	10.11

Table 24. Cattle and Calves: Monthly average price per 100 pounds, Chicago, July 1923-December 1928.-(Cont'd.)

Year and Month	FEEDER AND STOCKER CATTLE							
	Steers				Heifers		Cows	
	800 lbs. up		800 lbs. down					
	Good and Choice	Common and Medium	Good and Choice	Common and Medium	Good and Choice	Common and Medium	Good and Choice	Common and Medium
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1927:								
July	9.00	7.75	8.85	7.38	7.45	6.78	6.14	5.66
Aug.	9.15	7.81	8.91	7.44	7.41	6.68	6.12	5.58
Sept.	9.68	8.05	9.39	7.71	7.62	6.75	6.25	5.73
Oct.	10.08	8.24	9.74	8.00	7.80	6.92	6.25	5.75
Nov.	10.73	8.99	10.51	8.68	8.20	7.24	6.25	5.86
Dec.	11.13	9.30	10.68	8.71	8.25	7.25	6.25	5.88
1928:								
Jan.	11.42	9.41	10.92	8.88	8.25	7.25	6.28	5.90
Feb.	11.76	9.89	11.35	9.37	8.30	7.33	6.90	6.41
Mar.	11.77	9.99	11.62	9.59	8.47	7.50	7.15	6.44
Apr.	12.04	10.19	12.04	9.92	8.90	7.98	7.68	7.04
May	12.17	10.42	12.16	10.36	9.63	8.45	7.98	7.35
June	12.38	10.62	12.38	10.53	9.99	8.74	8.08	7.38
July	12.51	10.62	12.51	10.50	10.07	8.79	8.12	7.38
Aug.	12.74	10.62	12.62	10.62	10.41	8.90	8.12	7.43
Sept.	13.08	10.72	12.99	10.60	10.94	9.08	8.16	7.54
Oct.	12.16	10.06	12.23	10.01	10.27	8.75	8.04	7.50
Nov.	11.61	10.02	11.76	9.87	9.73	8.50	7.60	6.97
Dec.	11.41	9.86	11.48	9.74	9.17	8.00	7.29	6.68

Division of Livestock, Meats, and Wool, Bureau of Agricultural Economics.

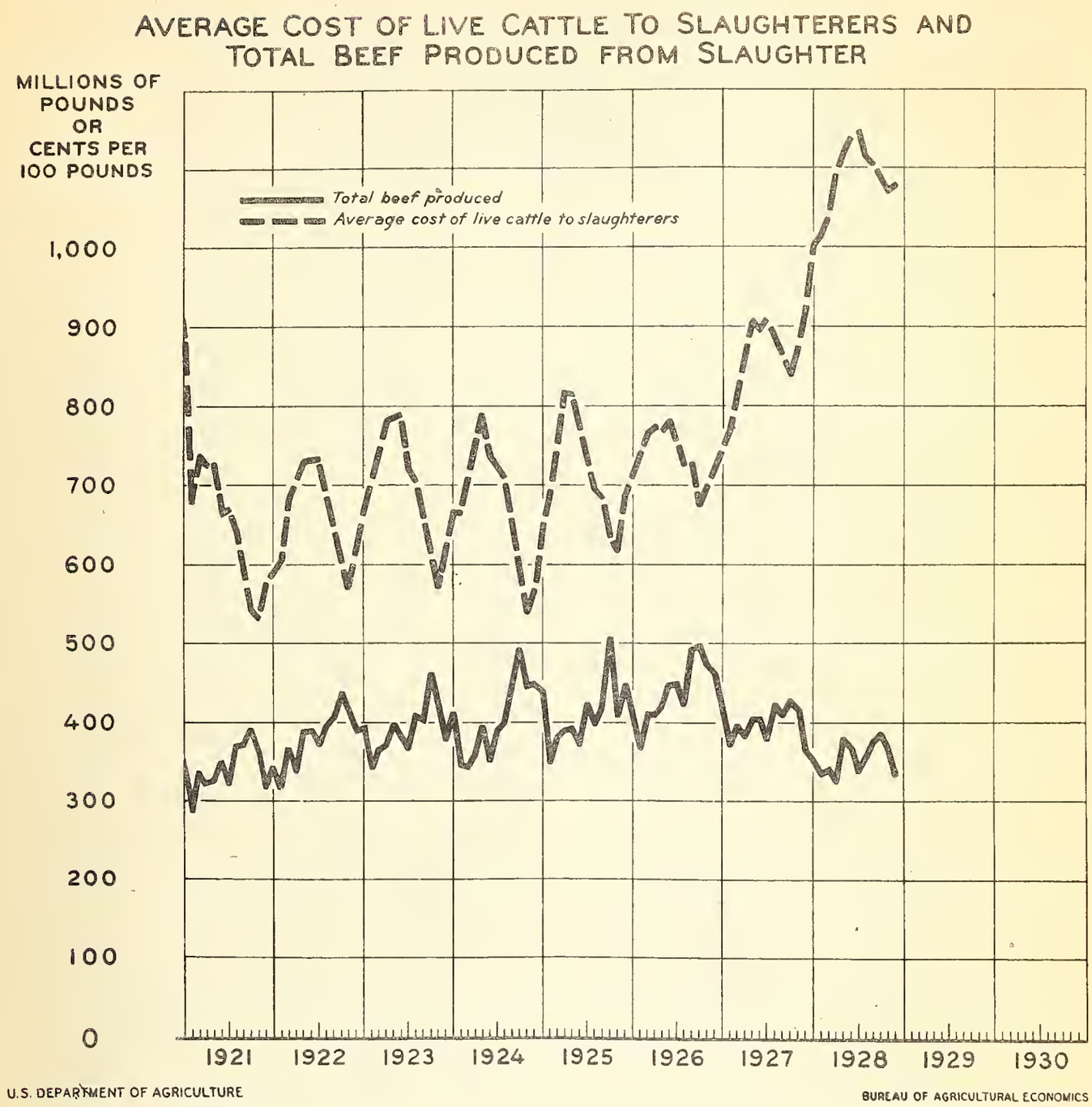


FIGURE 32. THE EFFECT OF THE REDUCTION IN THE TOTAL AMOUNT OF BEEF PRODUCED FROM SLAUGHTER IN 1927 AND 1928 UPON COST OF LIVE CATTLE TO SLAUGHTERERS IS APPARENT

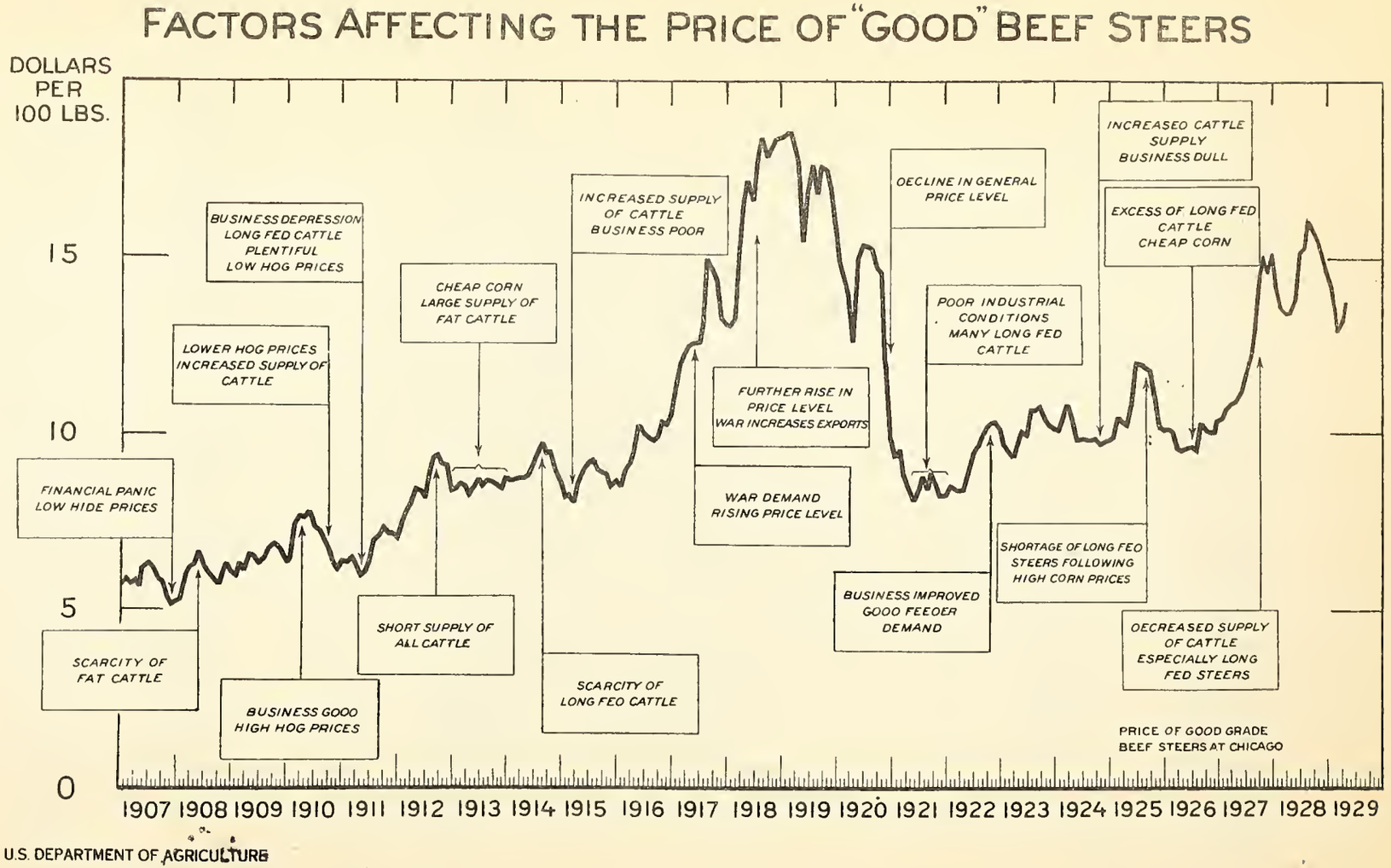

FACTORS AFFECTING THE PRICE OF "GOOD" BEEF STEERS
DOLLARS PER 100 LBS.
15
10
5
0
FINANCIAL PANIC LOW HIDE PRICES
SCARCITY OF FAT CATTLE
LOWER HOG PRICES INCREASED SUPPLY OF CATTLE
BUSINESS DEPRESSION LONG FED CATTLE PLENTIFUL LOW HOG PRICES
BUSINESS GOOD HIGH HOG PRICES
CHEAP CORN LARGE SUPPLY OF FAT CATTLE
SHORT SUPPLY OF ALL CATTLE
INCREASED SUPPLY OF CATTLE BUSINESS POOR
SCARCITY OF LONG FED CATTLE
WAR DEMAND RISING PRICE LEVEL
FURTHER RISE IN PRICE LEVEL WAR INCREASES EXPORTS
OECLINE IN GENERAL PRICE LEVEL
POOR INDUSTRIAL CONDITIONS MANY LONG FED CATTLE
BUSINESS IMPROVED GOOD FEEDER DEMAND
SHORTAGE OF LONG FED STEERS FOLLOWING HIGH CORN PRICES
INCREASED CATTLE SUPPLY BUSINESS DULL
EXCESS OF LONG FED CATTLE CHEAP CORN
DECREASED SUPPLY OF CATTLE ESPECIALLY LONG FED STEERS
PRICE OF GOOD GRADE BEEF STEERS AT CHICAGO
1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929
U.S. DEPARTMENT OF AGRICULTURE

FIGURE 33. CHANGES IN THE SUPPLY OF CATTLE, IN THE GENERAL PRICE LEVEL, AND IN BUSINESS CONDITIONS ARE REFLECTED IN MARKET PRICES FOR CATTLE

Table 25. Beef: Monthly Average prices per pound at London, 1924 to 1928

(First Quality English):

Month	1924	1925	1926	1927	1928
	Cents	Cents	Cents	Cents	Cents
January	17.97	19.92	19.26	16.73	16.02
February	18.96	19.64	19.26	17.11	16.60
March	17.54	19.60	19.16	16.29	18.50
April	18.67	20.60	19.52	17.24	20.00
May	18.96	21.24	21.80	17.62	21.39
June	20.16	21.14	19.06	18.75	22.56
July	19.12	20.63	19.52	19.26	19.64
August	19.03	20.64	18.76	18.55	18.55
September	17.77	19.44	17.84	17.68	16.98
October	16.94	19.50	17.11	15.46	15.61
November	17.57	18.88	16.35	14.50	15.97
December	18.91	19.46	16.86	14.70	15.71
Average	18.47	20.04	18.71	16.99	18.13

(Argentine Chilled Hindquarters):

January	10.54	15.81	13.18	11.79	13.94
February	12.60	14.79	12.93	11.91	14.00
March	10.40	15.24	12.98	10.90	14.13
April	13.89	14.59	14.00	11.53	15.52
May	13.00	14.57	15.08	12.55	15.92
June	11.83	15.70	15.61	15.11	16.54
July	11.21	17.27	14.07	15.52	17.42
August	12.89	17.05	15.01	15.92	16.78
September	14.07	16.22	14.07	14.76	16.35
October	13.61	15.95	15.33	14.45	14.19
November	15.43	14.55	12.88	14.55	12.55
December	14.73	14.00	14.28	14.11	14.00
Average	12.83	15.48	14.12	13.59	15.12

Foreign Crops & Markets.

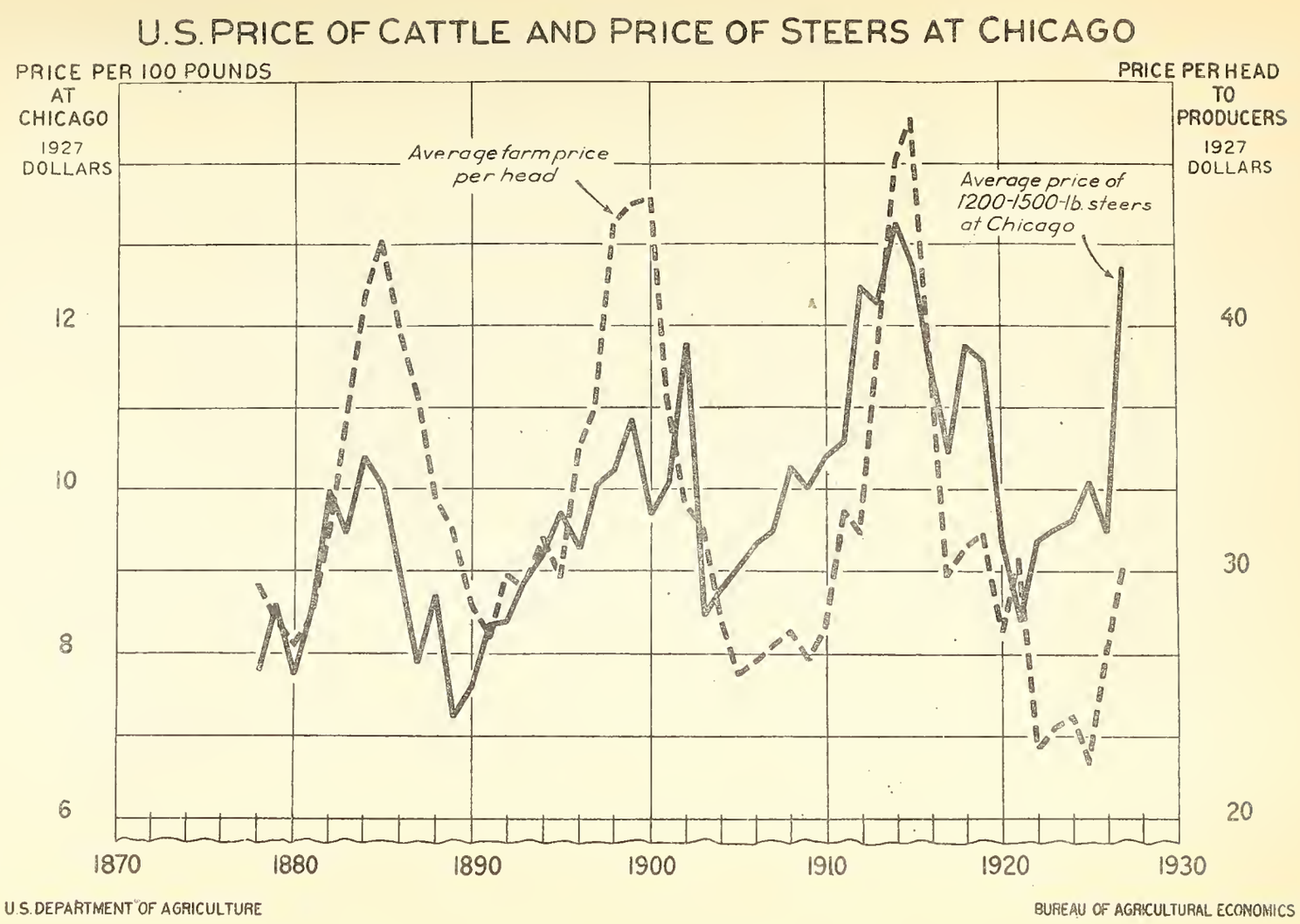


FIGURE 34. THREE RATHER WELL DEFINED COMPLETE CYCLES ARE EVIDENT IN THE PRICES OF CATTLE AND STEERS IN THE UNITED STATES BETWEEN THE YEARS 1880 AND 1921. THE CYCLES ARE SIMILAR IN THE FARM PRICES OF CATTLE AND CHICAGO PRICES OF STEERS EXCEPT THAT THE FARM PRICE USUALLY FLUCTUATES MORE VIOLENTLY THAN THE CHICAGO PRICE. SINCE 1921 CATTLE PRICES HAVE BEEN TRAVELING UPWARD ON ANOTHER CYCLE, REACHING HIGH LEVELS IN 1927 AND 1928

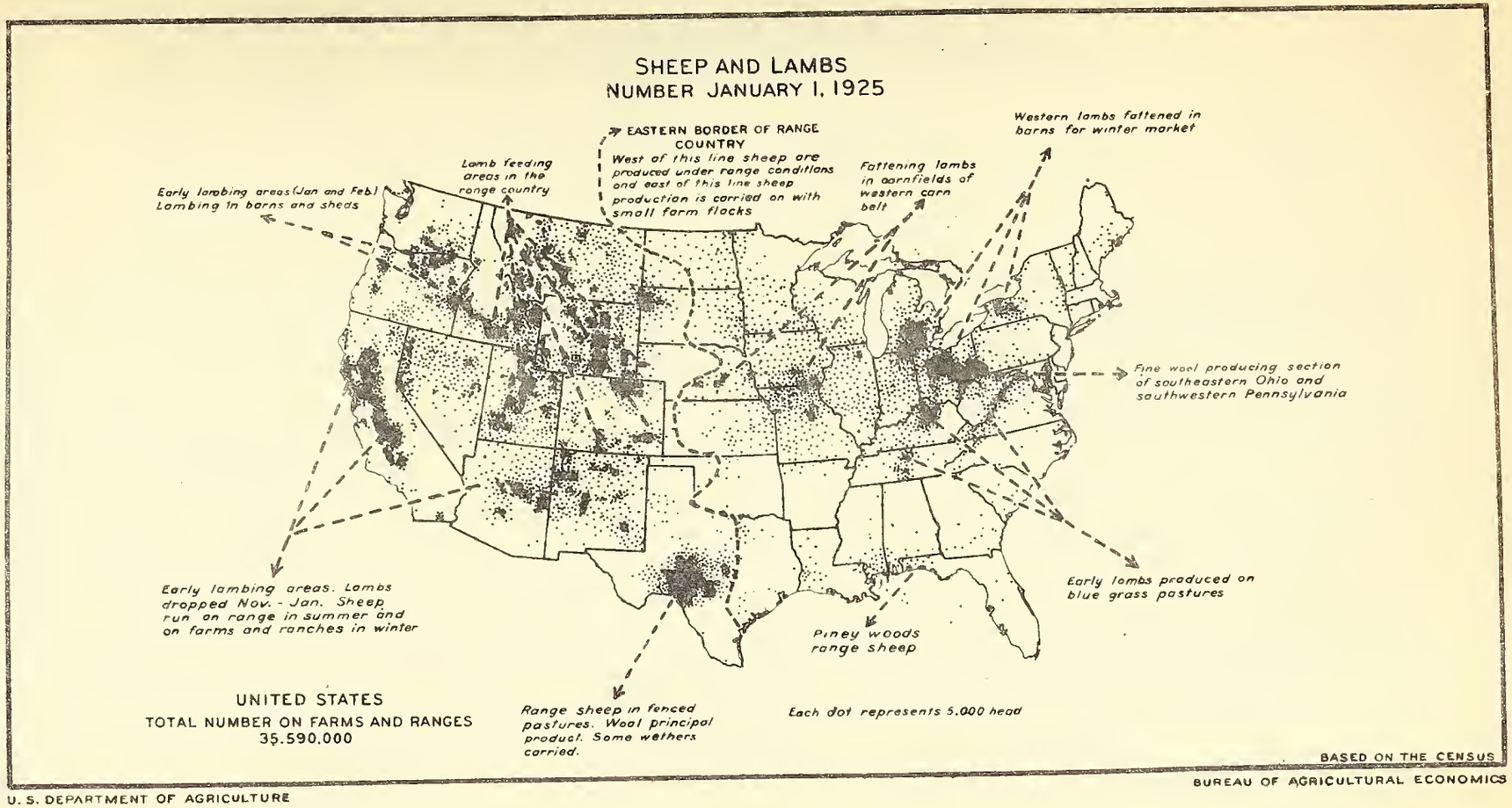

SHEEP AND LAMBS
NUMBER JANUARY 1, 1925
EASTERN BORDER OF RANGE COUNTRY
West of this line sheep are produced under range conditions and east of this line sheep production is carried on with small farm flocks
Lamb feeding areas in the range country
Early lambing areas (Jan and Feb.) Lambing in barns and sheds
Fattening lambs in cornfields of western corn belt
Western lambs fattened in barns for winter market
Fine wool producing section of southeastern Ohio and southwestern Pennsylvania
Early lambs produced on blue grass pastures
Piney woods range sheep
Early lambing areas. Lambs dropped Nov. - Jan. Sheep run on range in summer and on farms and ranches in winter
Range sheep in fenced pastures. Wool principal product. Some wethers carried.
Each dot represents 5,000 head
UNITED STATES
TOTAL NUMBER ON FARMS AND RANGES
35,590,000
BASED ON THE CENSUS
U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 35. THE NUMBER OF SHEEP AND LAMBS ON FARMS AND RANGES ON JANUARY 1, 1929 WAS 47.2 MILLIONS BUT THE RELATIVE IMPORTANCE OF THE DIFFERENT AREAS WOULD BE ABOUT AS IN 1925

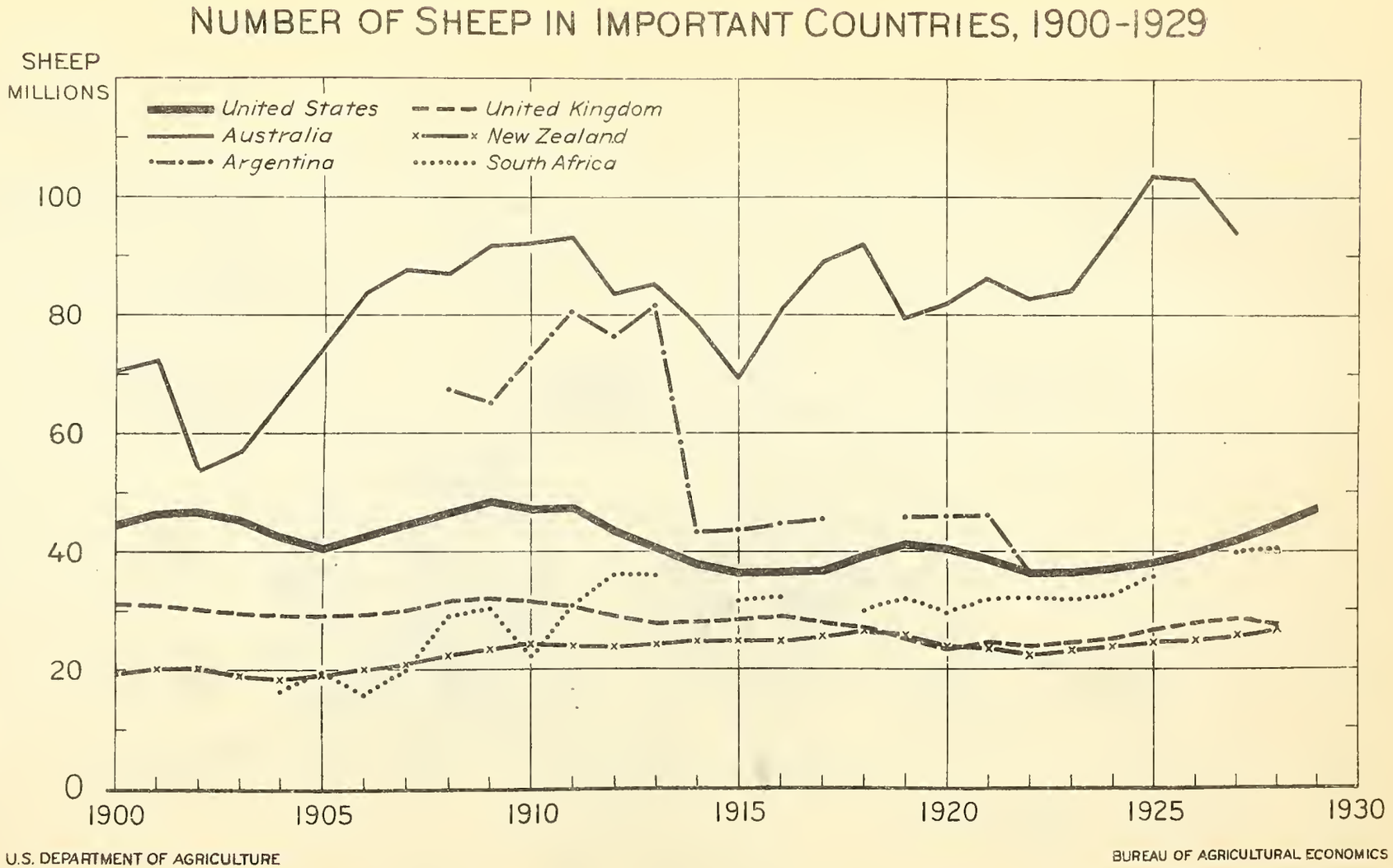


FIGURE 36. THE UNITED STATES HAS ONLY ABOUT 7% OF THE WORLD'S SHEEP. THIS IS ENOUGH TO SUPPLY THE PRESENT DEMAND FOR LAMB IN THIS COUNTRY BUT ABOUT AS MUCH WOOL IS IMPORTED AS IS PRODUCED IN THIS COUNTRY, ALTHOUGH IN RECENT YEARS A HIGHER PROPORTION OF LOW QUALITY WOOL HAS BEEN IMPORTED

Table 26. Sheep: Total number, and number in each class, 1925 United States Census.

State	Total Number	Lambs	Ewes	Rams and Wethers
		Under one year	1 year old and over	1 year old and over
Arizona	1,163,905	213,855	857,630	92,420
California	3,045,095	712,803	2,228,471	103,821
Colorado	2,243,869	1,397,958	814,224	31,687
Idaho	1,745,769	279,969	1,416,307	49,493
Kansas	314,894	126,336	180,221	8,337
Montana	2,187,928	520,322	1,612,887	54,719
Nebraska	646,783	506,971	131,003	8,809
Nevada	1,183,572	285,857	859,725	37,990
New Mexico	1,743,079	355,409	1,317,076	70,594
North Dakota	310,527	74,496	228,993	7,038
Oklahoma	62,108	15,658	42,817	3,633
Oregon	1,775,093	413,760	1,312,761	48,572
South Dakota	643,555	181,188	444,904	17,463
Texas	3,137,129	796,994	1,910,076	430,059
Utah	2,355,038	434,739	1,862,338	57,961
Washington	515,798	90,938	405,260	19,600
Wyoming	2,507,012	513,739	1,920,840	72,433

Table 27. Mutton and Lamb (All Forms): International trade, average 1911-1913, annual 1926 and 1927.

Country	Year ended December 31					
	Average 1911-1913		1926		1927	
	Imports	Exports	Imports	Exports	Imports	Exports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Principal Exporting Countries:						
Argentina	-	148,457	-	148,213	-	183,260
Australia	7	149,958	2	1/ 85,682	-	1/ 93,520
Canada	4,717	48	1,673	1,274	1,946	1,889
Netherlands	76	17,212	1,472	14,308	1,255	16,084
New Zealand	-	235,509	-	279,731	-	311,135
Union of South Africa	1,914	75	-	175	52	133
Uruguay	-	3,262	-	50,358	-	52,096
Principal Importing Countries:						
Belgium	-	-	3,130	475	3,909	830
Denmark	3,828	344	2,214	2	2,232	5
France	930	334	20,385	146	29,822	274
Germany	1,046	350	8,217	361	10,083	622
Sweden	1,218	100	1,148	7	1,371	29
United Kingdom	596,899	-	613,633	-	627,303	-
United States	185	4,146	3,365	1,171	2,646	937
Total 14 Countries	610,820	559,795	655,239	581,903	680,619	660,814

Foreign Crops & Markets.

1/ Year ended June 30.

Table 28. Wool, raw: production, imports, exports, and apparent consumption, United States, 1910 - 1928

Year	Production			Imports 1/	Re-exports 1/	Net imports	Exports of domestic wool	Excess of imports over all exports 1/	Apparent consumption
	Fleece	Pulled	Total						
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1910	281,363	40,000	321,363	180,135	9,055	171,080	2/ 48	171,032	492,395
1911	277,548	41,000	318,548	155,923	3,511	152,412	3/	152,412	470,960
1912	262,543	41,500	304,043	238,118	1,816	236,302	4/	236,302	540,345
1913	252,675	43,500	296,175	151,581	3,860	147,721	2/ 77	147,644	443,819
1914	247,192	43,000	290,192	256,501	6,342	250,159	2/ 335	249,823	540,015
1915	245,726	40,000	285,726	402,611	2,081	400,530	2/ 8,158	392,372	678,098
1916	244,890	43,600	288,490	442,650	2,128	440,522	3,919	436,603	725,093
1917	241,892	40,000	281,892	416,137	1,272	414,865	1,827	413,038	694,930
1918	256,870	42,000	298,870	447,426	452	446,974	407	446,567	745,437
1919	249,958	48,300	298,258	438,782	5,134	433,647	2,840	430,807	729,065
1920	244,179	42,900	287,079	254,905	12,393	242,512	8,845	233,666	520,745
1921	235,129	48,500	283,629	316,605	1,552	315,053	1,927	313,126	596,755
1922	221,713	42,000	263,713	366,538	4,225	362,314	453	361,861	625,574
1923	225,696	42,500	268,196	388,345	23,557	364,788	535	364,253	632,449
1924	235,575	43,800	279,375	262,655	27,476	235,179	309	234,869	514,244
1925	245,562	46,800	292,362	336,646	7,087	329,559	273	329,286	621,648
1926	260,976	50,600	311,576	299,451	14,082	285,369	292	285,084	596,653
1927	281,914	50,100	332,014	264,507	10,710	253,474	322	253,474	585,488
1928	5/ 299,113	51,900	351,013	240,360	4,435	235,440	485	235,440	586,453

Production figures, 1910-1913 from the National Association of wool manufacturers; 1914-1928 from the Bureau of Agricultural Economics; imports and exports from the Bureau of Foreign and Domestic Commerce.

1/ Hair of Angora goat, alpaca, and other like animals included in imports and re-exports prior to 1914 and in exports for all years.

2/ Exports for fiscal years ended June 30 of the years shown.

3/ Included in all other articles.

4/ No transactions. 5/ Preliminary.

Table 29. Wool: Estimated production by States 1921-28,

State	1/ 1921	2/ 1922	2/ 1923	3/ 1924	3/ 1925	3/ 1926	3/ 1927	4/ 1928
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Arizona	5,616	6,000	5,798	6,448	6,458	6,758	6,240	5,760
California	14,070	13,455	14,181	18,250	19,912	20,276	23,800	23,800
Colorado	6,839	6,976	6,580	6,486	6,862	7,740	8,118	8,831
Idaho	16,800	16,642	15,455	14,450	14,309	14,507	15,840	17,885
Kansas	1,878	1,690	1,933	1,399	1,656	1,679	1,986	2,442
Montana	16,400	16,770	17,775	19,522	20,640	23,320	24,166	26,626
Nebraska	1,641	1,395	1,738	1,998	2,212	2,175	2,442	2,370
Nevada	7,000	7,650	7,942	7,597	7,560	8,730	8,015	8,580
New Mexico	10,100	11,246	10,890	11,224	11,084	12,060	12,600	12,400
North Dakota	1,633	1,715	1,648	1,853	2,263	2,772	3,469	3,984
Oklahoma	482	458	490	385	394	456	562	615
Oregon	14,435	12,992	13,200	15,840	16,958	18,321	18,128	20,332
South Dakota	4,324	4,021	4,021	4,312	4,446	4,714	5,160	5,644
Texas	18,000	19,300	19,700	24,805	25,280	27,297	32,725	35,591
Utah	16,500	16,800	17,210	17,970	18,010	19,430	19,975	22,072
Washington	4,421	3,802	4,409	4,365	4,560	4,194	4,753	5,000
Wyoming	23,634	20,400	19,520	19,090	21,362	22,338	25,317	26,488
Illinois	3,496	3,426	3,290	3,334	3,419	3,648	4,162	3,724
Indiana	3,458	3,527	3,820	3,391	3,562	3,715	4,088	4,307
Iowa	5,369	5,208	4,973	5,360	5,360	5,440	5,896	5,960
Kentucky	2,600	2,678	2,715	2,880	3,125	3,278	3,845	4,051
Michigan	7,714	7,863	7,282	6,880	7,416	7,920	8,272	8,520
Minnesota	2,340	2,457	2,225	2,886	3,151	3,634	4,211	4,661
Missouri	5,202	5,098	5,411	5,236	5,208	5,250	5,523	5,962
New York	2,941	2,882	2,968	2,708	2,398	3,081	2,956	2,966
Ohio	13,200	13,596	14,313	14,167	14,467	14,760	15,662	15,826
Pennsylvania	3,403	3,087	3,148	2,766	2,805	2,805	2,730	2,948
West Virginia	2,300	2,346	2,600	2,236	2,272	2,311	2,457	2,684
Wisconsin	2,701	2,279	2,271	2,109	2,250	2,508	2,774	2,808
All other states	6,999	6,796	6,824	5,627	5,663	5,859	6,042	6,276

1/ United States Department of Agriculture Yearbook 1922, page 885, Table 456.

2/ United States Department of Agriculture Yearbook 1924, page 954, Table 564.

3/ United States Department of Agriculture Yearbook 1927, page 1037, Table 396.

4/ Division of Crop and Livestock Estimates, Bureau of Agricultural Economics.

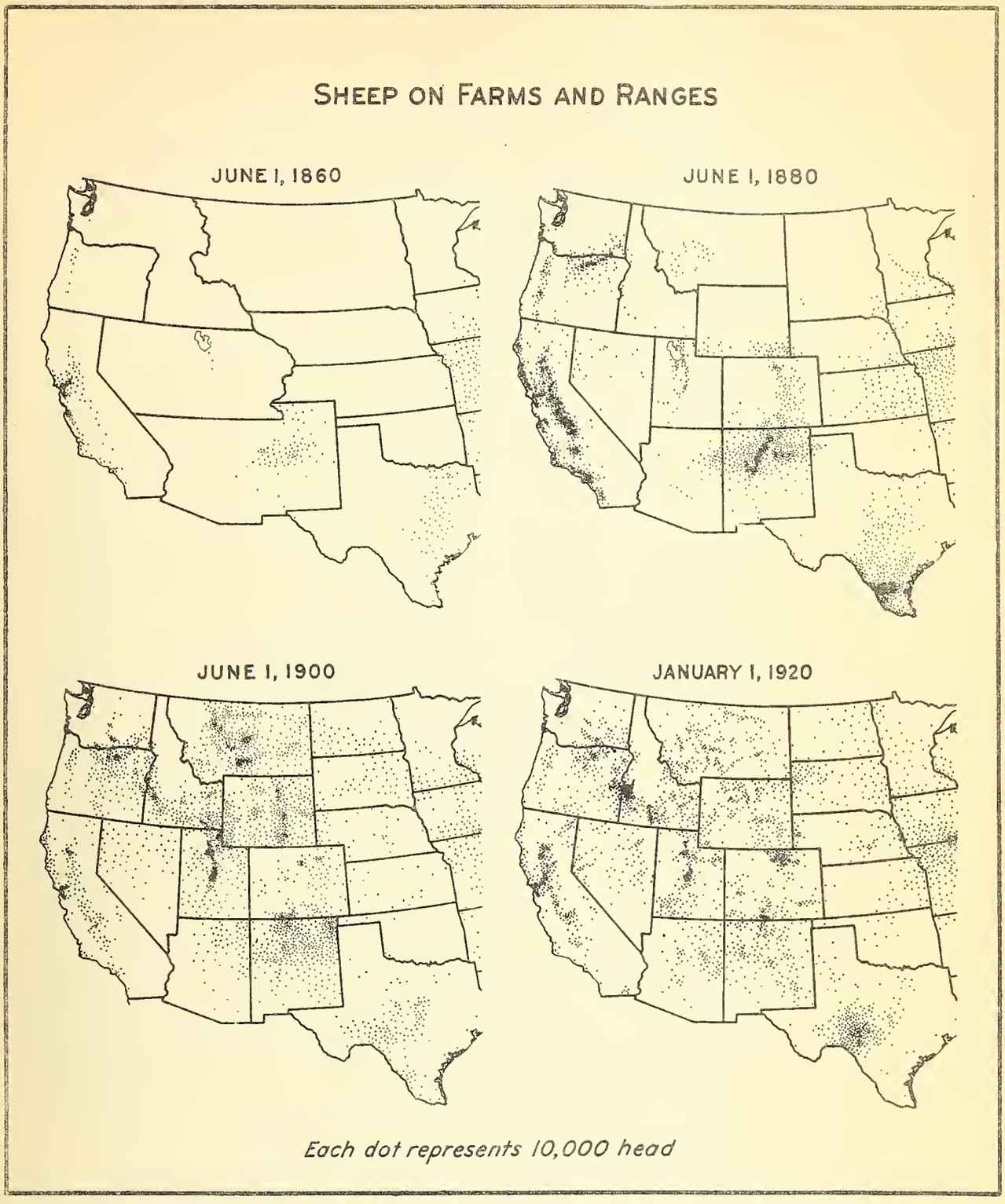
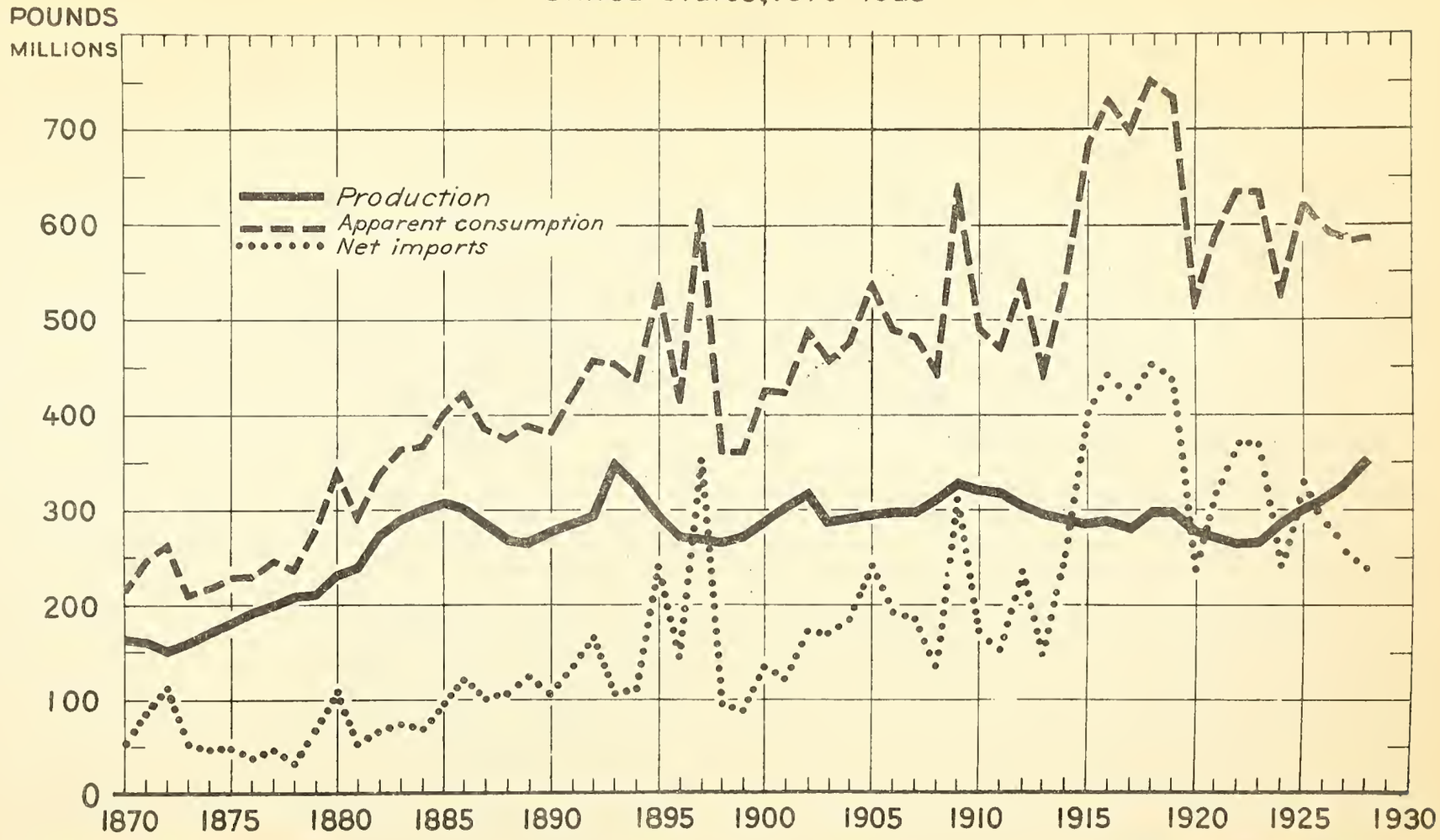


FIGURE 37. IN THE UNITED STATES SHEEP NUMBERS WERE ABOUT THE SAME IN 1920 AS IN 1880. IN THE 17 WESTERN STATES THERE HAVE BEEN NOTICEABLE SHIFTS IN LOCATION OF SHEEP DURING THE 40 YEARS AND AN INCREASE IN TOTAL NUMBERS, WHICH COMPENSATES FOR DECREASES IN THE EASTERN FARM FLOCKS

WOOL PRODUCTION, NET IMPORTS, AND APPARENT CONSUMPTION

United States, 1870-1928



U.S. DEPARTMENT OF AGRICULTURE

BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 38. SINCE 1923 WOOL PRODUCTION HAS BEEN INCREASING RATHER RAPIDLY. AT PRESENT IMPORTS ABOUT EQUAL PRODUCTION OF WOOL. WOOL CONSUMPTION IN THE UNITED STATES HAS HAD A PRONOUNCED UPWARD TREND SINCE 1898

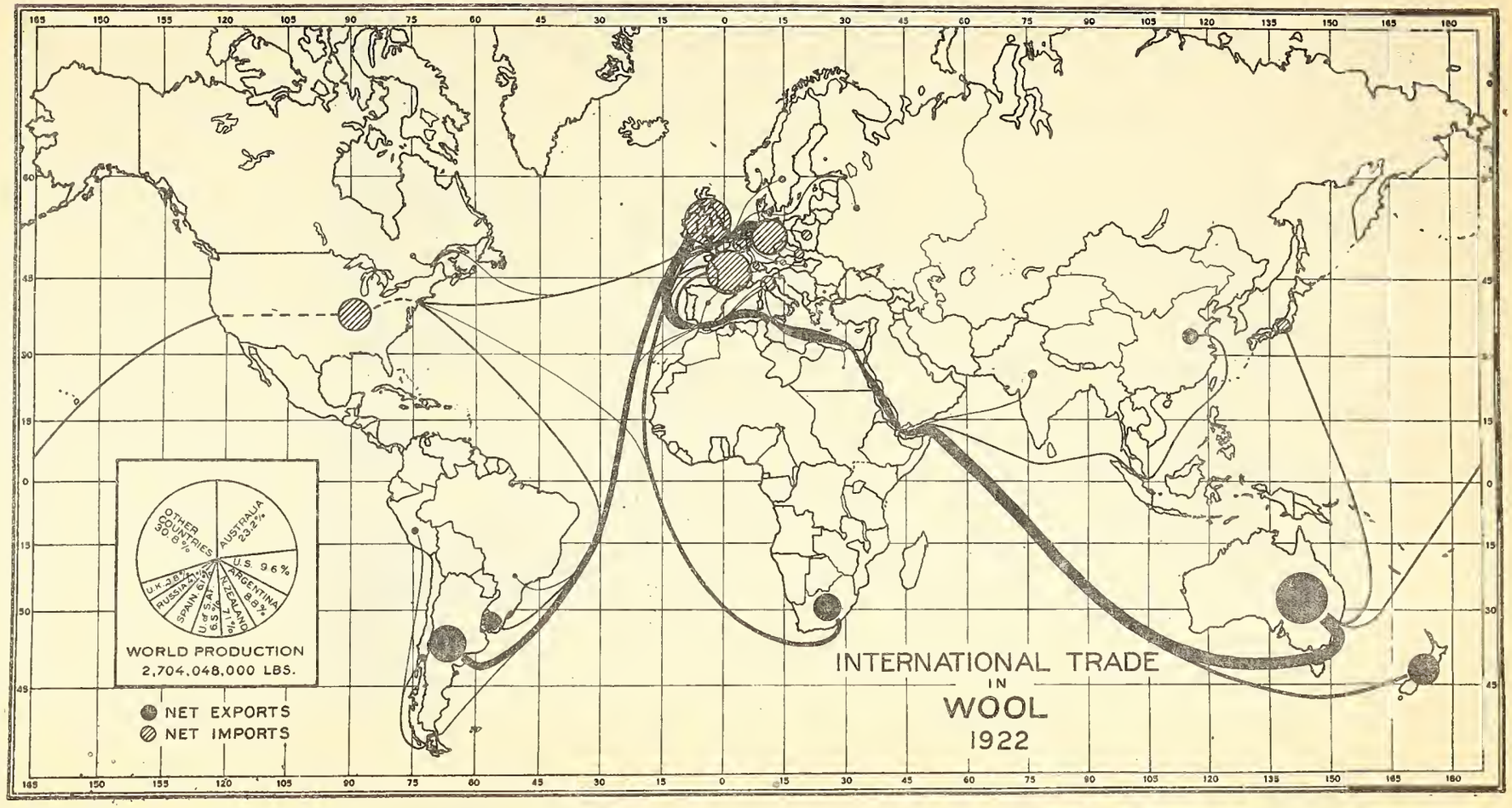


FIGURE 39. THE UNITED STATES PRODUCES ABOUT ONE TENTH OF THE WORLD'S WOOL BUT CONSUMES MORE THAN IT PRODUCES AND DRAWS UPON AUSTRALIA, NEW ZEALAND, AND OTHER EXPORTING COUNTRIES FOR ITS NEEDS

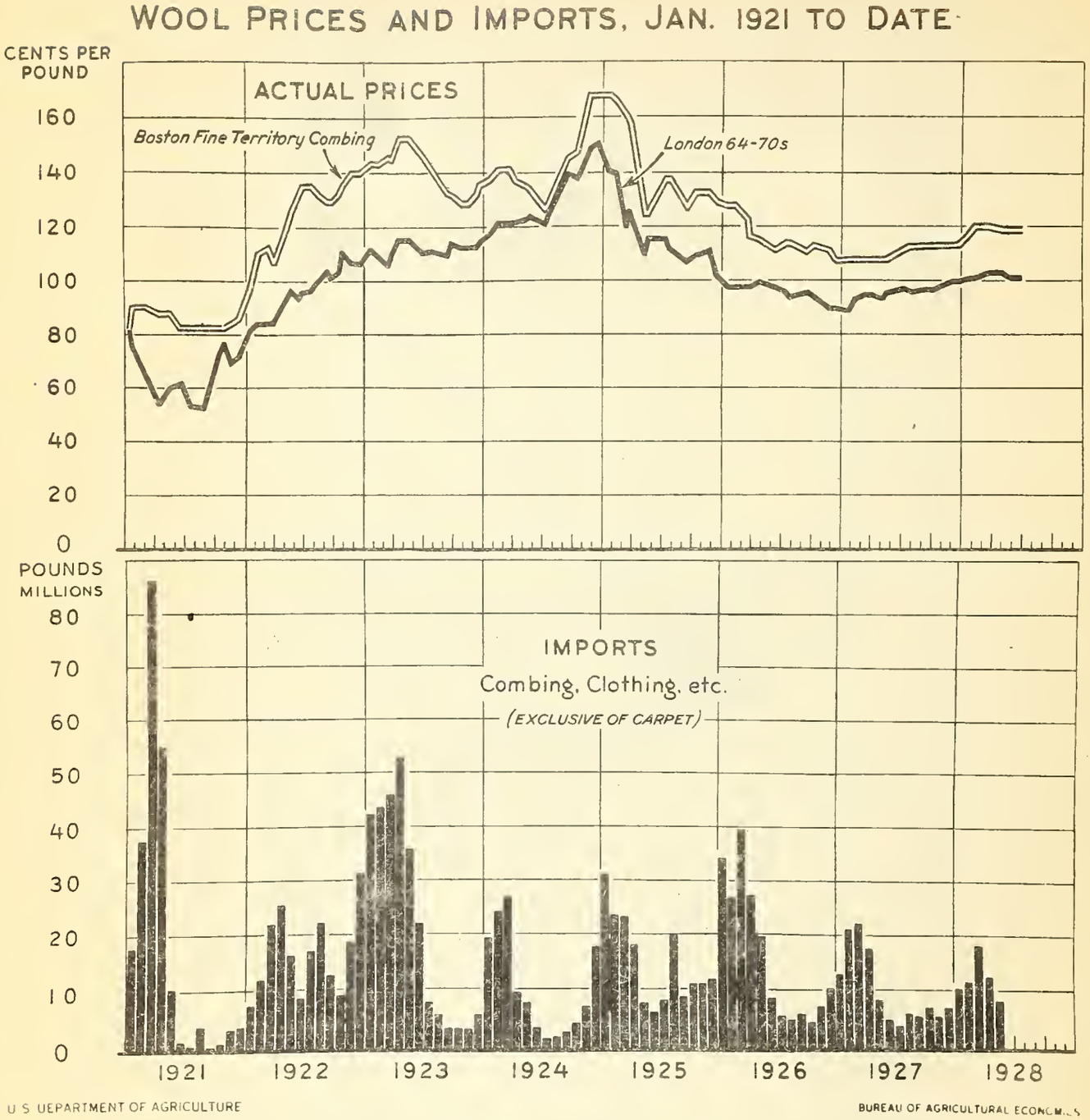


FIGURE 40. THE PRICE OF WOOL IN BOSTON IS GENERALLY HIGHER THAN THE PRICE OF A SIMILAR GRADE IN LONDON. IMPORTS OF COMBING AND CLOTHING WOOLS OR WOOLS OF FINE GRADES TAKE PLACE EACH MONTH BUT IS GREATEST IN THE FIRST FOUR MONTHS OF THE YEAR IN GENERAL, WOOL PRICES IN THE UNITED STATES FOLLOW THE LONDON PRICE

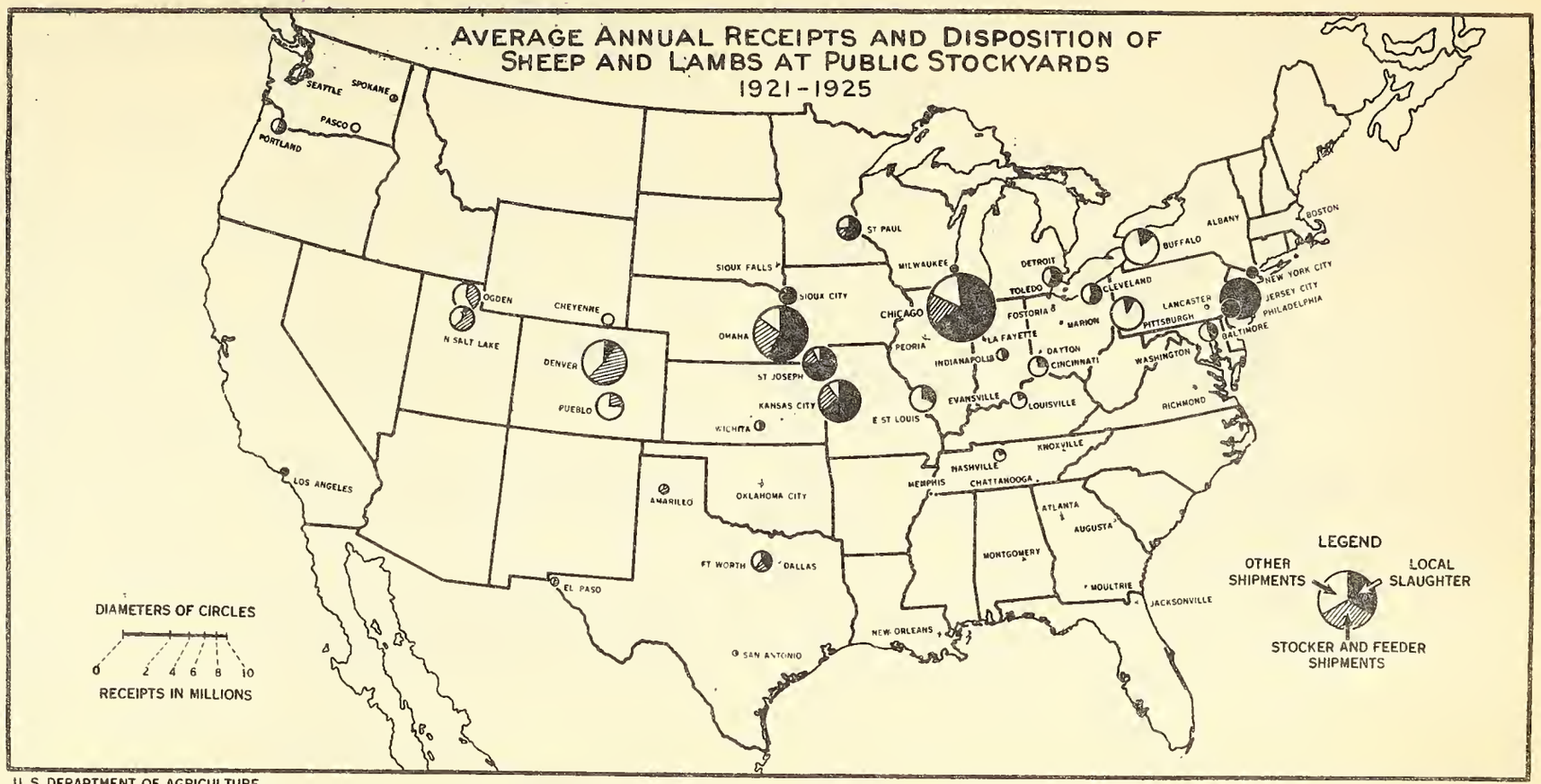


FIGURE 41. DENVER, OMAHA, AND CHICAGO ARE IMPORTANT MARKETS FOR FEEDER LAMBS. CHICAGO, OMAHA, AND JERSEY CITY ARE IMPORTANT SLAUGHTER LAMB MARKETS

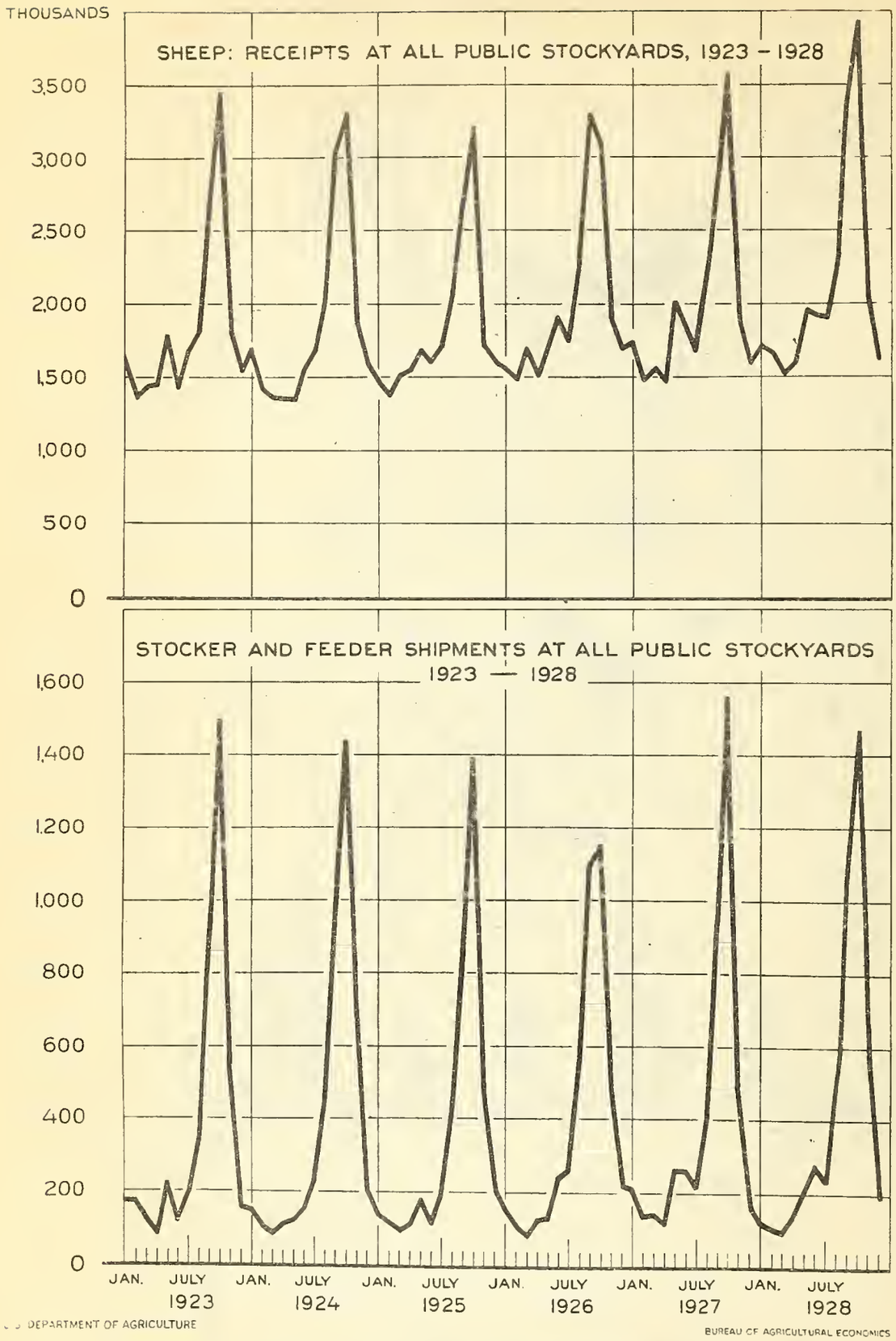


FIGURE 42. THE HEAVY MARKET MOVEMENT OF SHEEP IS CONCENTRATED IN THE FALL OF THE YEAR

Table 30. Feeder sheep: Origin and destination of inspected shipments from public stockyards, 1920 - 1928.

Origin and destination	1920	1921	1922	1923	1924	1925	1926	1927	1928
	Number	Number	Number	Number	Number	Number	Number	Number	Number
Market origin:									
Chicago, Ill.	829,450	530,235	708,987	683,280	729,779	590,509	784,144	516,673	441,285
Denver, Colo.	1,139,173	576,155	953,849	1,001,718	1,091,811	1,022,411	763,821	1,133,183	1,004,114
E.St.Louis, Ill.	35,978	13,349	20,569	17,778	18,473	26,627	43,044	20,422	12,884
Ft. Worth, Tex.	59,179	40,693	64,639	39,258	60,923	62,150	86,778	62,644	105,533
Kansas City, Kans.	337,810	250,811	242,707	281,318	279,788	214,863	281,847	282,862	279,720
Louisville, Ky.	19,707	24,556	42,388	34,090	18,192	26,675	60,984	50,808	42,360
Omaha, Nebr.	1,156,615	722,272	768,514	862,968	866,836	610,915	894,380	884,714	882,368
Sioux City, Iowa	73,384	50,133	35,382	48,211	59,104	56,575	78,897	96,033	97,622
S.St.Joseph, Mo.	63,185	38,887	31,927	60,618	103,267	52,248	78,145	106,323	129,698
S.St.Paul, Minn.	86,651	65,598	46,272	73,027	51,724	49,032	61,825	57,468	68,811
All other inspected	132,221	67,019	95,858	74,343	74,637	71,699	119,984	129,857	331,140
Total	3,933,353	2,379,708	3,011,087	3,176,609	3,354,534	2,783,704	3,253,849	3,340,987	3,395,535
State destination:									
Colorado	728,545	325,474	678,972	727,336	714,660	609,706	357,608	722,389	730,395
Illinois	337,889	197,789	226,474	256,065	280,400	248,296	319,977	193,146	215,858
Indiana	125,018	135,241	103,781	150,083	165,752	185,582	270,195	161,919	104,401
Iowa	614,664	291,686	282,415	404,656	402,861	302,351	476,398	381,322	457,361
Kansas	182,108	93,381	140,649	120,080	182,507	178,487	189,253	234,480	255,536
Kentucky	31,751	32,106	55,751	38,808	22,729	33,179	63,451	58,100	44,095
Michigan	280,028	188,832	358,712	313,592	341,083	266,268	341,590	203,075	172,411
Minnesota	45,659	42,842	22,311	31,653	28,287	32,494	39,570	34,251	24,423
Missouri	236,840	180,908	172,200	190,100	197,996	138,326	171,913	176,764	171,016
Nebraska	734,048	638,936	692,288	736,323	779,502	608,380	705,228	908,886	863,620
Ohio	104,017	82,948	81,353	51,684	31,904	25,735	84,826	32,527	21,705
South Dakota	26,393	10,650	10,188	13,485	14,005	11,109	22,009	42,492	42,423
Texas	80,673	21,947	34,475	16,166	31,319	25,015	60,452	40,636	63,430
Wisconsin	82,998	42,886	31,130	40,375	55,091	41,157	50,420	33,726	57,666
All other	322,722	94,082	120,388	86,203	106,397	77,619	100,959	117,274	171,195
Total	3,933,353	2,379,708	3,011,087	3,176,609	3,354,534 [1]	2,783,704	3,253,849	3,340,987	3,395,535

1 Includes 41 head shipped to Alaska.

Data for 1920 and 1927 in 1927 Yearbook of the United States Department of Agriculture, page 1029; data for 1928 from the Division of Livestock, Meats and Wool, Bureau of Agricultural Economics, 1928.

Table 31. Lamb and Mutton: Estimated annual slaughter, exports, imports, and consumption in the United States, 1900-1928.

Calendar year	Slaughter (dressed-weight)			Exports	Imports (less re-exports)	Consumption 1/	
	Total	Federally inspected	Other			Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1900	517	274	243	1	-	516	6.8
1901	538	306	232	-	-	538	6.9
1902	561	344	217	4	-	557	7.0
1903	582	358	224	3	-	579	7.2
1904	564	346	218	1	-	563	6.8
1905	545	334	211	1	-	544	6.5
1906	555	341	214	1	-	554	6.5
1907	560	431	129	2	-	558	6.4
1908	559	427	132	2	-	557	6.3
1909	603	465	138	2	-	601	6.6
1910	599	462	137	2	-	596	6.4
1911	732	568	164	3	-	729	7.8
1912	779	607	172	6	-	773	8.1
1913	731	568	163	5	-	725	7.5
1914	712	554	158	5	18	724	7.4
1915	622	481	141	9	14	622	6.3
1916	608	471	137	7	14	613	6.1
1917	473	363	110	4	6	473	4.6
1918	493	380	113	3	1	486	4.7
1919	603	469	134	4	7	607	5.8
1920	532	413	119	5	62	588	5.5
1921	626	493	133	8	18	639	5.9
1922	535	417	118	2	11	545	5.0
1923	571	446	125	3	6	576	5.2
1924	589	455	134	2	2	589	5.2
1925	599	467	132	4	2	597	5.2
1926	643	501	142	2	2	641	5.5
1927	645	502	143	2	3	645	5.4
1928	671	523	148	2	3	673	5.6

Compiled by John Roberts, Bureau of Animal Industry.

1/ Exports are converted to dressed-weight equivalents before deduction. Quantities placed in storage are taken into account from 1916.

Table 32. Monthly average price of Feeding Lambs per 100 pounds at important markets

Year and Month	Chicago	Omaha	Denver	Ogden
	Dolls.	Dolls.	Dolls.	Dolls.
		Medium to Choice		
1924 -				
January	12.18	12.07	12.17	-
February	13.22	13.10	13.47	-
March	14.67	14.40	14.56	-
April	-	-	-	-
May	-	-	-	-
June	11.39	11.31	-	-
July	11.32	10.96	-	-
August	12.17	11.73	-	-
September	12.08	11.74	-	-
October	12.31	12.13	12.12	10.46
November	13.12	12.44	13.35	11.06
December	14.54	13.99	14.09	-
1925 -				
January	16.30	15.81	-	-
February	16.50	15.99	-	-
March	16.22	15.32	-	-
April	14.27	13.13	-	-
May	-	-	-	-
June	-	-	-	-
July	14.24	13.18	-	-
August	14.66	14.03	-	-
September	14.85	14.30	14.08	-
October	14.98	14.48	14.18	-
November	14.73	14.79	14.38	-
December	15.69	14.98	14.49	-
1926 -				
January	15.02	14.34	13.85	-
February	13.74	13.17	12.98	-
March	13.27	12.23	-	-
April	12.97	12.94	-	-
May	-	-	-	-
June	13.21	12.79	-	-
July	12.90	12.69	-	-
August	12.79	12.69	-	-
September	13.14	12.54	-	11.49
October	12.93	12.47	-	-
November	12.50	12.10	-	-
December	11.76	11.89	11.65	-

Table 32. Monthly average price of Feeding Lambs per 100 pounds at important markets. - (Continued)

Year and Month	Chicago	Omaha	Denver	Ogden
	Dolls.	Dolls.	Dolls.	Dolls.
		Medium to Choice		
1927 -				
January	12.20	12.10	12.14	-
February	12.57	12.55	12.15	-
March	13.94	13.97	12.54	-
April	14.00	14.04	-	-
May	-	12.78	-	-
June	12.75	12.19	-	-
		Good and Choice		
July	12.94	12.83	-	-
August	13.02	13.13	-	-
September	13.40	13.16	13.05	11.38
October	14.04	13.31	12.90	-
November	14.03	13.45	13.31	-
December	13.35	12.46	12.37	-
1928 -				
January	12.88	12.45	12.27	-
February	14.68	14.21	-	-
March	15.45	15.02	-	-
April	16.01	15.38	-	-
May	-	-	-	-
June	-	12.92	-	-
July	13.37	13.09	-	-
August	13.78	13.47	12.95	-
September	14.03	13.25	13.03	-
October	12.85	12.82	12.92	-
November	12.86	12.39	12.58	-
December	15.52	12.96	13.31	-

Livestock, Meats and Wool Division, Bureau of Agricultural Economics.

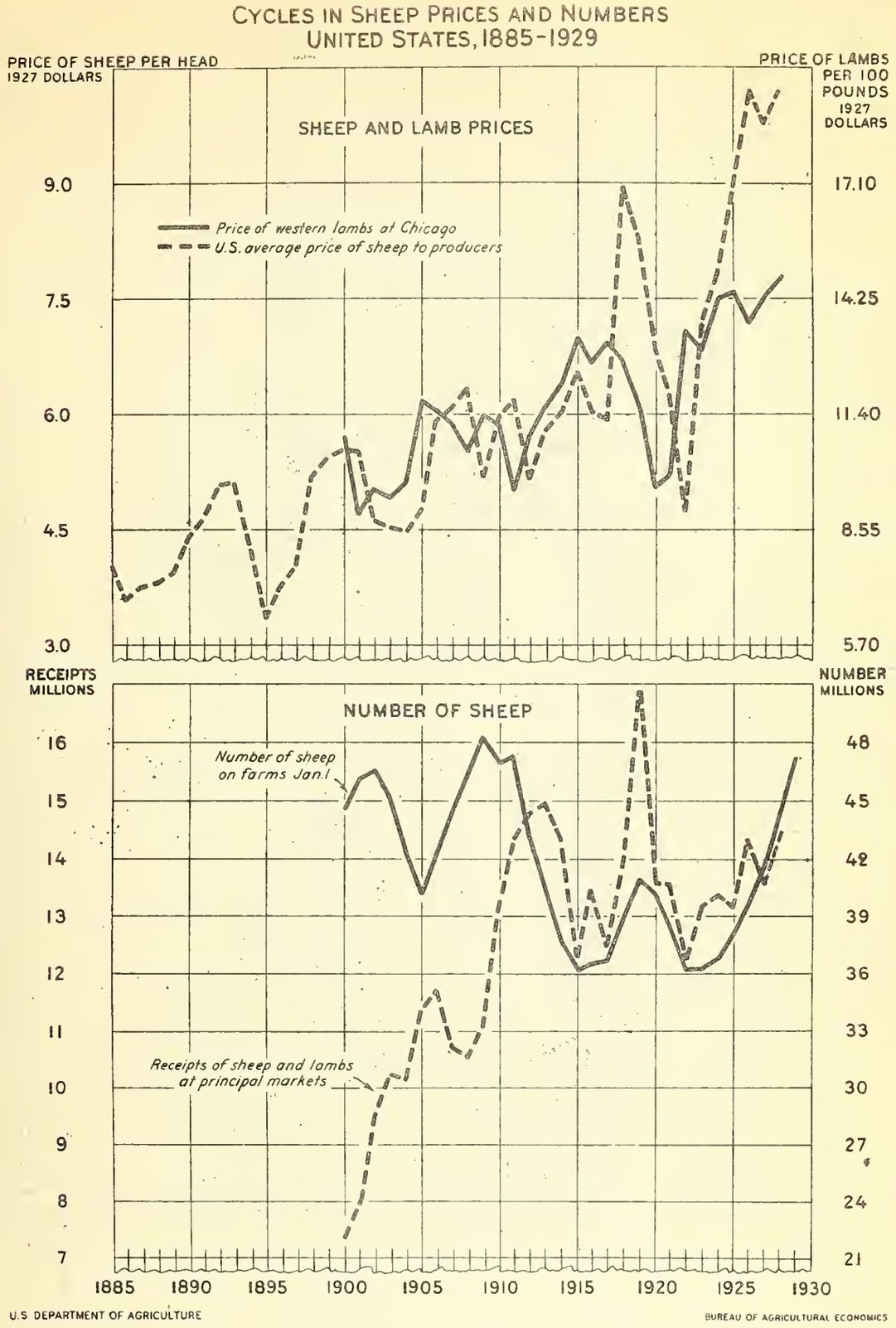


FIGURE 43. RELATIVELY HIGH PRICES FOR SHEEP AND LAMBS, INCREASING SINCE 1920, HAVE ENCOURAGED THE INCREASE IN NUMBERS ON FARMS UP TO THE LARGEST NUMBER SINCE 1911

SHEEP: NUMBER, SLAUGHTER, MUTTON AND LAMB PRODUCTION AND PRICES OF LAMBS AND WOOL, 1900-1929

EACH EXPRESSED IN PER CENT OF ITS AVERAGE FOR 1900-1927

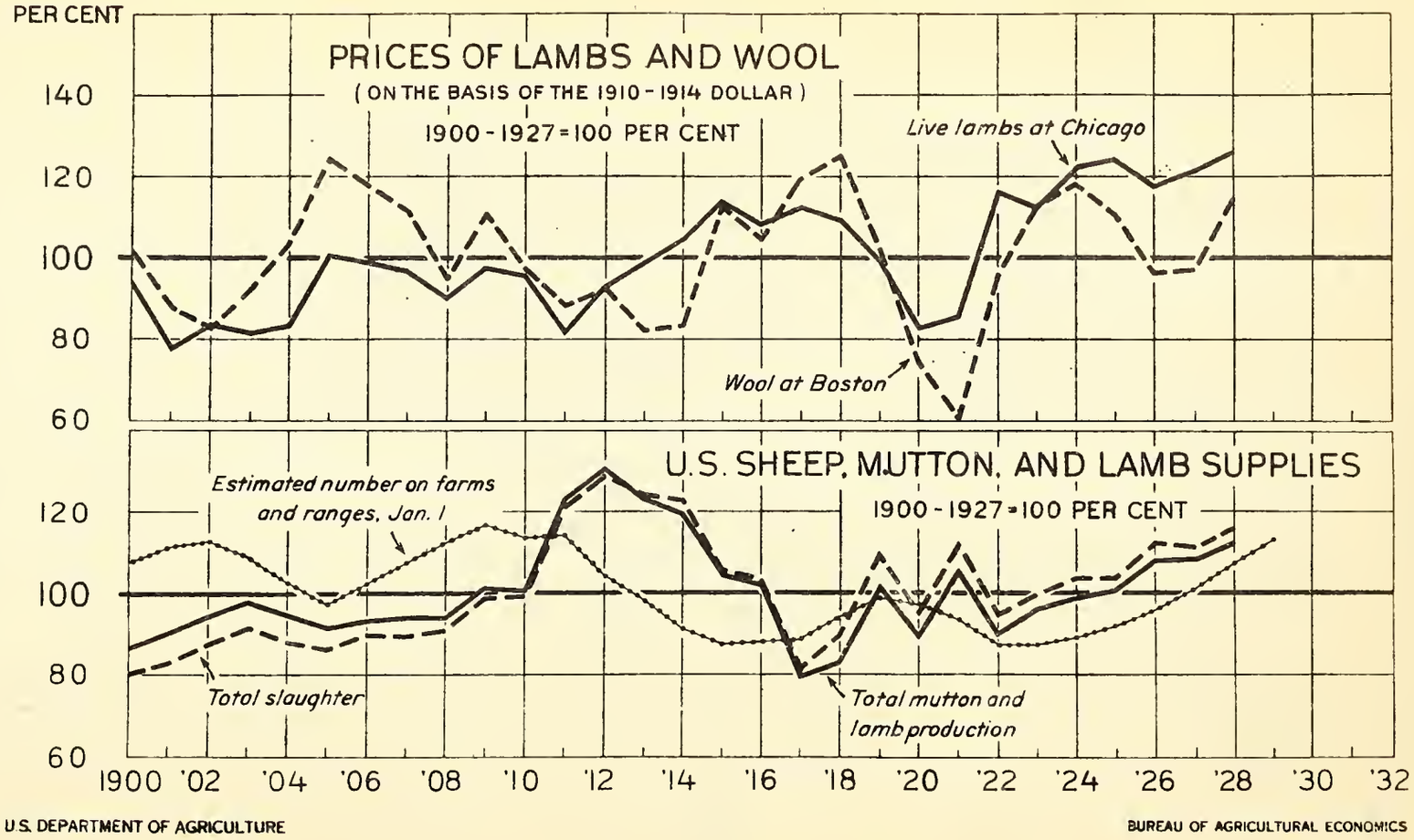

PER CENT
PRICES OF LAMBS AND WOOL
(ON THE BASIS OF THE 1910-1914 DOLLAR)
1900-1927=100 PER CENT
Live lambs at Chicago
Wool at Boston
U.S. SHEEP, MUTTON, AND LAMB SUPPLIES
1900-1927=100 PER CENT
Estimated number on farms and ranges, Jan. 1
Total slaughter
Total mutton and lamb production
140
120
100
80
60
1900 '02 '04 '06 '08 '10 '12 '14 '16 '18 '20 '22 '24 '26 '28 '30 '32
U.S. DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 44. LAMB PRICES HAVE BEEN HIGH FOR SEVERAL YEARS. NUMBERS ON FARMS HAVE BEEN INCREASING SINCE THE LOW POINT OF 1922. INCREASED RECEIPTS AT MARKETS AND INCREASED SLAUGHTER HAVE BEEN ABSORBED WITHOUT THE PRICE DISTURBANCES THAT HAVE CHARACTERIZED EARLIER PERIODS

Table 33. Lambs: Monthly average price per 100 pounds at Chicago and Omaha, 1924 - 1928.

Month	Chicago				
	84 pounds down, light and handy weight				
	Medium to Prime		Medium to Choice		Good and Choice
	1924	1925	1926	1927	1928
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
January	12.95	17.28	14.80	12.10	13.35
February	14.37	16.79	13.52	12.79	15.39
March	15.36	16.04	13.32	14.82	16.36
April	15.63	14.62	13.87	15.36	16.78
May	14.68	12.72	14.51	14.49	16.19
June	13.62	15.06	15.83	15.33	16.65
		Medium to Choice		Good and Choice	
July	13.10	14.69	13.72	14.18	15.39
August	12.90	14.47	13.56	13.49	14.50
September	12.81	14.73	13.44	13.38	14.12
October	13.15	14.71	13.37	13.68	13.10
November	13.58	15.03	13.04	13.88	13.30
December	15.67	15.74	12.12	13.38	14.17
			Omaha		
January	12.25	16.68	14.06	11.53	12.85
February	13.54	16.14	12.69	12.37	14.93
March	14.82	15.48	12.60	14.25	15.80
April	15.15	14.20	13.70	14.90	16.20
May	14.08	12.37	14.26	14.01	15.49
June	12.91	14.59	14.95	14.65	15.88
		Medium to Choice		Good and Choice	
July	12.63	14.09	13.22	13.66	14.67
August	12.58	14.08	13.14	13.07	13.94
September	12.47	14.22	12.81	12.94	13.73
October	12.80	14.32	12.86	13.09	12.83
November	13.16	14.42	12.40	13.27	12.67
December	15.00	15.31	11.72	12.81	13.46

Livestock, Meats and Wool Division, Bureau of Agricultural Economics.

Table 34. Rates of duty on wool imports under the Tariff Acts, 1890-1922.

Date of act (and when effective)	Rates of duty
October 1, 1890 (October 6, 1890)	Class 1, 11 cents a pound. Class 2, 12 cents a pound. Class 3, value of 13 cents a pound or less, 32 per cent; value over 13 cents, 50 per cent. Washed, Class 1, twice this rate; scoured, classes 1 and 2, three times these rates.
August 27, 1894 (August 1, 1894)	Free
July 24, 1897 (July 24, 1897)	Class 1, 11 cents a pound. Class 2, 12 cents a pound. Class 3, value of 12 cents a pound or less, 4 cents a pound; value over 12 cents, 7 cents a pound. Washed, Class 1, twice this rate; scoured Classes 1 and 2, three times these rates; fit for carding or spinning, Class 3, three times these rates.
August 5, 1909 (August 6, 1909)	Class 1, 11 cents a pound. Class 2, 12 cents a pound. Class 3, value of 12 cents a pound or less, 4 cents a pound; value over 12 cents, 7 cents a pound. Washed, Class 1, twice this rate; scoured Classes 1 and 2, three times these rates; fit for carding or spinning, Class 3, three times these rates. Foregoing rates are in the minimum tariff; the maximum tariff is 25 per cent higher and is to be in force to March 31, 1910 and thereafter, unless the President by proclamation declares no discrimination by particular countries.
October 3, 1913 (December 1, 1913)	Free
May 27, 1921 (May 28, 1921)	Clothing wool, unwashed, 15 cents a pound, washed, 30 cents a pound; scoured, 45 cents a pound.
September 21, 1922 (Sept. 22, 1922)	Wool not improved by a mixture with Merino or English blood, in the grease, 12 cents a pound; washed, 18 cents a pound; scoured, 24 cents a pound. If used for carpets, rugs or other floor coverings, duty refunded. Other wool, in the grease or unwashed, 31 cents a pound of clean content; scoured, 31 cents a pound. (All rates subject to change by President after investigation of cost of production, domestic and foreign.)

Yearbook Separate 394, page 305.

Table 35. Number of Goats and production and imports of Mohair.

Goats		Mohair: Production and Imports		
State	Total Number 1925		Year	Production 1,000 pounds 1/
Arizona	281,564			
California	98,859		1899	961
Colorado	21,525		1909	3,779
Idaho	1,302		1919	6,809
Kansas	5,581		1924	8,426
Montana	1,475			
Nebraska	2,952			Imports
Nevada	3,228			1,000 pounds 2/
New Mexico	240,067			
North Dakota	1,064		1923	4,603
Oklahoma	32,436		1924	3,990
Oregon	121,193		1925	1,768
South Dakota	1,369		1926	10,666
Texas	1,791,325		1927	2,499
Utah	48,292		1928	3,420
Washington	5,586			
Wyoming	1,152			

1/ Bureau of the Census.

2/ Department of Commerce.

CROP AND MARKET REPORTS AND PERIODICALS PUBLISHED BY THE U.S. DEPARTMENT OF AGRICULTURE OF PARTICULAR INTEREST TO RANGE LIVESTOCK PRODUCERS. 1/

PERIODICALS

The Agricultural Yearbook published annually about May includes a large amount of statistical information relating to livestock.

The department publishes from time to time statistical bulletins bringing up to date the available statistics relating to a commodity or related commodities.

The following of interest to stockmen have been published:

Statistical Bulletin No. 3, Sheep, Lamb, Mutton and Wool Statistics, Ending March 31, 1923.

Statistical Bulletin No. 11, Hay and Feed Statistics, Ending December 31, 1924.

Statistical Bulletin Nos. 14 to 17, Prices of Farm Products Received by Producers, Ending Year 1925.

Statistical Bulletin No. 20, Statistics of Cattle, Calves, Beef, Veal, Hides and Skins, Ending December 31, 1925.

The annual "Agricultural Outlook" issued about February 1, brings together facts relating to prospective world-wide and nation-wide supply and demand conditions which are not readily available to farmers. This outlook information is designed to aid farmers to make sound plans for the farming year before the time for planting and breeding.

Supplementary Outlook Reports on Beef Cattle and Sheep are issued in August of each year.

Meat Production, Consumption and Foreign Trade in the United States is an annual mimeographed report compiled by John Roberts, Editorial Office, Bureau of Animal Industry, giving the number of animals of each kind of meat animals slaughtered in the United States and the estimated annual production, exports, imports and consumption of beef and veal, lamb and mutton, pork and lard. Data going back to 1900 are shown.

The "Annual Livestock Review" is a printed bulletin issued about July 1 containing statistics and information about the livestock industries for the preceding calendar year.

1/ Many of the state agricultural colleges issue timely economic information of interest to stockmen. Ask your state college for this information.

"Crops and Markets" is a printed monthly publication of the Department of Agriculture. It carries weekly data on prices, shipments to and receipts at stated markets of commodities under these general classes; livestock, meats and wool; dairy and poultry products; fruits and vegetables; grain, hay; feed; seed; and cotton. It contains the monthly price and production statistics compiled by the several divisions of the Bureau of Agricultural Economics; statistics on movements to market, complete and detailed reports of the crop reporting service, reports of the foreign market situation and special articles of economic and statistical interest concerning leading agricultural products. "Crops and Markets" is sent free only to libraries, the press, government officials, workers in agricultural colleges and experiment stations and other institutions or individuals actually assisting the United States Department of Agriculture in collecting or disseminating agricultural information. Those not entitled to receive "Crops and Markets" free under any of the above classifications, can obtain it by direct application to the office of the Superintendent of Documents, Government Printing Office, Washington, D. C. at 60 cents per year, payable in cash or money order.

"The Agricultural Situation" is a 24-page bulletin issued, on the first of each month, by the Bureau of Agricultural Economics. It contains a brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and price of the important farm products. Its general purpose is to furnish extension workers and others with a very concise picture of economic conditions in agriculture from month to month. Its free distribution is limited to the United States Department of Agriculture or State College workers or cooperators, to libraries, and the press. It is obtainable from the Superintendent of Documents, Government Printing Office, at 25 cents a year.

"Foreign Crops and Markets" issued each week includes current comment and statistical information on foreign market conditions, prices, farm wages, international trade and other economic factors that affect the supply of and demand for agricultural products in foreign countries. Its distribution is limited to producers, dealers in agricultural products, farm journals, newspapers, agricultural and trade organizations, etc., who utilize the material or publish and circulate it to interested persons or organizations.

Special numbers of interest to stockmen are:

1. Cattle and beef
   a. Annual review of the world situation in cattle and beef. Appears in June, July or August. Last review carried in "Foreign Crops and Markets" for August 6, 1928. Additional reviews, probably on a semi-annual basis, are being planned.

2. Sheep and wool
   a. Monthly summaries of the international wool situation. Appear under the series title "WOOL" in cooperation with the Division of Livestock, Meats and Wool, and are issued about the second or third week of the month. Last issue was dated March 18, 1929.

   b. Annual reviews of the world situation in sheep and wool. Appear in December, January or February, with the latest review carried in the February 11 and 18 issues of "Foreign Crops and Markets."

3. Mutton and lamb.

a. Annual review of the international trade in mutton and lamb. Appears in June or July. Last review carried in "Foreign Crops and Markets" dated July 16, 1928.

The Price Situation, a mimeographed publication released about the 15th of each month gives a quite complete yet brief account of the reasons for changes in prices of each of the important commodities during the past month and any information as to the outlook that is available. A summary of the more important features is published in Crops and Markets each month. "The Price Situation" is available to college people, extension workers and a few others but is not available for general distribution.

CROP AND MARKET REPORTS

Except where otherwise noted these reports will be sent, free of charge, to any person who requests them and shows a need for them.

Crop and Livestock Estimates

Monthly crop reports. These reports, which show acreage, condition, prices, numbers, probable production, or value of principal crops and livestock, are published monthly in "Crops and Markets". A summary in multigraph form is issued on the release dates as provided by the Crop Report regulations, the cotton report being issued separately. State reports, many showing data by counties, are issued by the Agricultural Statisticians in each State.

The following is the list of estimates and reports issued by the Division of Crop and Livestock Estimates with the approximate release date which will be of particular interest to stockmen in the range states:

Estimate of numbers of livestock on farms January 1,	Released Jan. 25
Estimate of sheep on feed for market on January 1,	" " 12
Estimate of cattle on feed for market on January 1,	" " 12
Report on size and condition of early lamb crop.....	" Mar. 10
Reports on development of early lamb crop.....	" Apr. 10 and May 10
Estimate of spring cattle movement from southwest	Released Apr. 12
Report on conditions in Flint Hills and Osage pastures	" " 12
Estimate of size of lamb crop.....	" July 18
Estimate of wool shorn and weight per fleece.....	" " 25
Estimate of probable sheep and lamb shipments from western range States August to November.....	" Aug. 15 1/
Report on western cattle conditions and probable fall shipments.....	" Aug. 18 1/
Reports on cattle and sheep feeding situation.....	" Aug. 15, Oct. 10, Nov. 10, Dec. 10

1/ Monthly reports on condition of ranges and of cattle and sheep in 17 western States. Issued from the Denver Regional Office.....Released each month about the 12th.

Agricultural statisticians in charge of field stations in midwest and western States

Arizona, Phoenix	Mr. R. Wells,	212 Industrial Cong. Bldg., Box 833
California, Sacramento	E. E. Kaufman,	Capital Extension Bldg., Box 1205
California, "	G. A. Scott,	" " " " "
Colorado, Denver	F. W. Beier, Jr.	715 Mining Exchange Bldg.
Idaho, Boise	J. H. Jacobson,	423 Empire Bldg., Box 1585
Illinois, Springfield	A. J. Surratt,	206 E. Adams St., Box 285
Indiana, W. LaFayette	M. M. Justin,	Agri. Exp. Sta. Annex, Purdue Univ.
Iowa, Des Moines	L. M. Carl,	210 Federal Bldg.
Kansas, Topeka	E. C. Paxton,	c/o State Board Agr., State House
Missouri, Columbia.	E. A. Logan,	113 Waters Hall
Montana, Helena	J. G. Diamond,	110 State Capitol
Nebraska, Lincoln	A. E. Anderson,	1114 State House
New Mexico, Las Cruces	R. F. Hare,	Federal Bldg.,
North Dakota, Grand Forks	P. C. Newman,	Post Office Bldg.
Ohio, Columbus	G. S. Ray,	45 Federal Bldg., Box 353
Oklahoma, Oklahoma City	Carl H. Robinson,	State Capitol Bldg.
Oregon, Portland	F. L. Kent,	612 Oregon Bldg.
South Dakota, Brookings	J. L. Orr,	Ext. Bldg., College of Agriculture
Texas, Austin	H. H. Schutz,	Federal Bldg., Box 1057
Utah, Salt Lake City	Frank Andrews,	323 Ness Bldg.
Washington, Seattle	J. S. Dennee,	417 Arctic Bldg.
Wyoming, Cheyenne	W. W. Putnam,	13 Capitol Bldg., Box 815

Most of the State statisticians in the western States issue monthly range and livestock condition reports, giving in detail conditions in various sections of the State. For most States special annual reports are issued covering crops and livestock information. For livestock these show such information as numbers of different kinds returned for taxation, usually by counties; State sanitary and livestock board health inspection and brand inspection figures; cars of livestock loaded and unloaded during the year, reported market receipts of livestock during the year, and other similar information.

Feed

Weekly feed market reports. This report, issued in cooperation with State marketing bureaus, contains prices of feed delivered at the most important markets in each State besides a review of feed marketing conditions, principally of interest to buyers in the State in which the report is issued.

Hay

Weekly hay market review. This review covers the hay market situation throughout the country. It is prepared each Saturday in the Washington office and distributed the same day from that office and from the field offices at Minneapolis, Chicago, and Kansas City. This report is available to newspapers, county agents or other agencies that need it or can give it further distribution.

Quarterly hay market reviews. These reviews give the results of surveys which are made quarterly as of March 15, June 15, September 15, and December 15, to determine the quality and relative quantity of the marketable surplus of the various kinds of hays together with information as to the rate of marketing and amount and location of the principal marketable surpluses on the different dates. Price trends and other important market factors are discussed. These reviews are not for general distribution but are available to State Marketing Officials, County Agents, marketing associations and to trade and farm papers.

Livestock, Meats and Wool

Daily report of livestock markets. This report shows supply and demand, prices and trend of market for cattle, calves, hogs, sheep and lambs at Chicago, East St. Louis, Kansas City, Omaha, Los Angeles, San Francisco, Denver, Ogden, Salt Lake City, Fort Worth, Portland, South St. Paul, Wichita, Jersey City and New York. It is issued daily from the local offices of the Bureau in the foregoing cities, and in addition is issued in combination with the daily report of meat trade conditions and wholesale prices from the offices at Boston and Philadelphia. All of the above named offices and offices at South St. Joseph, Sioux City, Pittsburgh, Lancaster, Cleveland, Cincinnati, Buffalo and Indianapolis release similar information to the press, commercial news associations, radio stations and C. N. D. services of the commercial telegraph companies.

Weekly review of livestock markets. This report is issued each Thursday at Chicago, East St. Louis, Kansas City, Omaha, South St. Paul, Denver, Fort Worth and Wichita; each Friday at Los Angeles and Salt Lake City (latter including Salt Lake and Ogden markets) and each Saturday at San Francisco and Portland. Each Wednesday the Boston office releases a report of the Brighton market. These reports review market conditions for the week at the market where released and include detailed information as to receipts, demand and prices paid for the various classes and grades of livestock. A less detailed review of conditions at Chicago, East St. Louis, Kansas City and Omaha is released each Friday at Boston, New York, and Philadelphia, in combination with the weekly review of meat trade conditions.

Livestock Market Statistics. (weekly). This report shows comparative receipts of cattle at seven markets; native beef steers sold out of first hands at Chicago for slaughter; movements of stocker and feeder cattle from twelve markets into seven States, periodically and seasonally; weights and prices of stocker and feeder steers shipped from Chicago; weekly average weight and cost of hogs at five markets; comparative receipts of hogs at seven markets; percentage of lambs, ewes and yearlings in sheep receipts at Chicago; comparative receipts of sheep at seven markets; movement of breeding and feeding sheep and lambs from twelve markets into seven States, and average weights and prices of feeding and breeding sheep shipped from Chicago, periodically and seasonally. It is released each Monday from the Chicago office. A report showing the numbers, average weights, average prices and State destinations of stocker and feeder cattle by class and weight selections shipped from South St. Paul during the week with comments on market conditions is issued each W ednesday from that office. A report reviewing the calendar week's market on stocker and feeder cattle and breeding and feeding sheep and showing the numbers, average weights and average prices by weight selections of stocker and feeder steers, State destination of all classes of stocker and feeder cattle, total shipments of stocker and feeder cattle, hogs and sheep and State destinations of breeding and feeding sheep and lambs is released each Monday from Kansas City.

Weekly report of stocker and feeder shipments from 12 markets. This report, released each Thursday as a part of the daily or weekly livestock summary at Chicago, Kansas City, Omaha, East St. Louis, St. Paul, W ichita, Denver, Fort Worth, Salt Lake City and San Francisco, shows the shipments of stocker and feeder cattle, hogs and sheep from twelve markets for the preceding week with comparisons of the preceding week and the corresponding week a year earlier, and the percentage of increase or decrease as compared with the three-year average of the corresponding weeks.

Daily report of meat trade conditions and wholesale prices. (Western dressed meats). This report shows supply and demand, prices and trend of market for western dressed fresh beef, veal, pork, lambs and mutton in Boston, Chicago, New York and Philadelphia. It is issued daily except Saturday from the following local offices of the Bureau: Boston, New York, Philadelphia, Chicago, East St. Louis, Kansas City and Omaha. At Boston and Philadelphia this report is combined with the daily report of livestock markets described above.

Weekly review of meat trade conditions. The review is issued each Friday from the following offices: Boston, New York, Philadelphia, Chicago, East St. Louis, Kansas City, Omaha, and South St. Paul. At each of the three eastern cities, Boston, New York and Philadelphia, the review covers local trading in western dressed fresh meats, and is issued in combination with brief reviews of the livestock market conditions at Chicago, East St. Louis, Kansas City, and Omaha. At the other markets it reviews the week's wholesale trade in fresh meats at New York and Chicago.

Weekly review of wool markets. This is a mimeographed, two-page report carrying a review of conditions in the Boston wool market, quotations of prices of the principal grades of domestic and foreign wool and mohair, comments on conditions in the producing sections, data on receipts and shipments of wool in the markets and imports of wool at the principal ports, and reports of wool market conditions in general throughout the world. The releases are made at Boston on Monday of each week. A similar report in somewhat shorter form reviewing conditions on the Boston wool market and quotations on the principal grades of domestic wool and mohair, one mimeographed page, is issued from the branch offices of the Bureau in Chicago, Kansas City, Omaha, East St. Louis, St. Paul, New York, Philadelphia, Salt Lake City, Denver, Fort Worth, Wichita and San Francisco on Monday of each week.

Monthly summaries of cold-storage holdings of frozen and cured meats. One summary shows the stocks of frozen and cured beef and pork including lard, frozen lamb and mutton and miscellaneous meats in storage on the first of each month in the United States. The other summary shows stocks of meats and lard in the four cities, Boston, New York, Philadelphia and Chicago. The summary showing the total for the United States is released from Washington and the branch offices of the Bureau in Boston, New York, Philadelphia, Chicago, East St. Louis, Kansas City, Omaha, South St. Paul and Denver, about the twelfth of the month following the date covered. The summary showing the stocks in the four cities can be obtained from the above named offices and from Wichita and is available as a rule the day after the holdings for the United States have been released. These reports are primarily for the press and trade organizations, but will be sent regularly to anyone requesting them. The figures are included in the monthly report of cold-storage holdings published in " Crops and Markets."

Animals slaughtered under federal inspection. (Monthly) About the twenty-fifth of each month these reports showing the number of cattle, calves, swine, sheep and lambs and goats slaughtered under federal inspection during the preceding month with totals and comparisons are issued from the Boston, Chicago, Denver, Fort Worth, Kansas City, Los Angeles, East St. Louis, New York, Omaha, Philadelphia, North Portland, South St. Paul, San Francisco and Wichita offices of the Bureau. The complete table is also published in "Crops and Markets".

Summary, receipts and disposition of livestock at public stock yards. (Monthly) This summary shows the receipts and disposition of cattle, calves, hogs, sheep and lambs, horses and mules approximately at 65 public stockyard markets with comparisons for the corresponding month of the preceding year and the five-year average for the month. It is released about the fifteenth of each month following the month covered by the table from the branch offices of the Bureau at Boston, Chicago, Denver, Fort Worth, Kansas City, East St. Louis, Philadelphia, St. Paul, San Francisco and Wichita. The complete table is also published each month in "Crops and Markets".

Special grass cattle market reports. (Daily) This report covering Chicago, Kansas City, Omaha, East St. Louis and St. Joseph markets, is released in mimeographed form from the Fort Worth, Wichita, Denver, Salt Lake City and San Francisco offices of the Bureau during the period from July 1 to November 15 each year. These reports are released daily except Saturday and Sunday during this period and consist of running comments on market conditions and prices paid for cattle marketed from the range and large pasture areas. The Friday reports also include brief reviews of the grass cattle markets for the week.

Annual release, reviewing the Chicago, Kansas City, East St. Louis and Omaha grass cattle markets for the past season, released by the offices named around December 15.

Quarterly wool stock report. This is a four-page mimeographed report showing the stocks of wool, tops and noils held by dealers and manufacturers in the United States. The report is issued quarterly and is based on surveys made of stocks held on March 31, June 30, September 30 and December 31 of each year. Stocks of raw wool are tabulated by grade. Holdings of dealers are summarized according to cities; holdings of manufacturers are summarized according to sections. The report is issued jointly by the Department of Agriculture which collects and compiles the returns on dealers' stocks, and the Department of Commerce which collects and compiles the returns on manufacturers' stocks. The releases are made at Washington about thirty days after the survey dates.

Weekly bankers' special. Weekly mimeographed reviews of the local livestock market, prepared especially for distribution to banks and other financial institutions, are released on Thursdays by the Chicago, South St. Joseph, East St. Louis and South St. Paul offices.

Weekly press reports. Weekly mimeographed reviews of the local livestock market designed especially to serve the needs of the press, particularly the country press and agricultural and trade publications, are released on varying days of the week by the South St. Paul, East St. Louis, South St. Joseph, Chicago, Los Angeles and San Francisco offices.

World wool situation. Monthly summary of domestic and foreign marketing conditions and production prospects.

Listed below are the Offices of the Division of Livestock Meats and Wool on mid-western and western markets:

Chicago, Ill.
J. S. Campbell,
999 Exchange Ave.,
Union Stock Yards.

Denver, Colo.
H. H. French,
214 Livestock Exch. Bldg.

Fort Worth, Texas
Sterling Emens,
223 Livestock Exch. Bldg.

Kansas City, Mo.
M. Y. Griffin,
964 Livestock Exch. Bldg.

Los Angeles, Calif.
W. W. Wofford,
202 Livestock Exchange Bldg.

National Stock Yards, Ill.
E. K. Hess,
P. O. Box 102,
(60-61 Livestock Exch. Bldg.)

North Portland, Oregon,
I. W. Pew,
P. O. Box 524, (314 Livestock Exch)

Ogden, Utah (Salt Lake City)
Stephen Bray,
P. O. Box 605.

Omaha, Nebr.
Chas. Bruce,
305 Livestock Exch.

San Francisco, Calif.
W. E. Schneider,
Room 2-a Ferry Bldg.

Sioux City, Iowa
J. D. Hale,
317 Livestock Exch. Bldg.

So. St. Joseph, Mo.
E. A. Orr,
305 Livestock Exch. Bldg.

So. St. Paul, Minn.
A. B. Smeby,
534 Livestock Exch. Bldg.

Wichita, Kansas,
E. H. Richardson,
50 Livestock Exch. Bldg.

A LIST OF TABLES OF INTEREST TO RANGE LIVESTOCK PRODUCERS PUBLISHED IN EACH ISSUE OF "CROPS AND MARKETS" IN 1928

Similar tables appear in approximately the same issues each year.

January:

Cattle on feed, January 1.
Sheep and lambs on feed, January 1.
* Western livestock and range report.
* Hay prices, monthly averages at important markets.
* Beef steers sold out of first hands at Chicago for slaughter.
* Classification of livestock slaughtered.
* Hides and skins, report for November.
* Livestock and meat situation.
* Livestock, average prices at three markets.
* Meats, average prices of western dressed fresh and cured pork and pork products.
* Monthly meat supplies at three eastern markets.
Per capita consumption of federally inspected meats.
* Receipts and disposition of livestock at public stockyards.
* Slaughter under Federal inspection.
* Sources of livestock slaughtered.
* Weights and prices of stocker and feeder steers at three markets.
* Wool prices at Boston, monthly averages.
* Estimated prices of farm products received by producers, December 15, by States, and averages, 1910-1914, and recent months.
* The price situation.

February:

Statistics of livestock on farms, January 1:
Numbers and values, 1926-1928, by States, and summaries: value per head, by age groups, in past years; average monthly farm prices of animals, poultry, and their products since 1910; and number of heifers kept for milk cows.

Crop and livestock report dates, 1928.
1/Livestock inspected at markets for shipment to country (feeding stock) November, December.

March:

Average wages paid to hired farm labor, by States, January, 1926-28
Wool production and weight per fleece, 1926-27.

April:

Mohair production, 1920-1927, by States.
1/Amount of federally inspected meats apparently available for consumption, per capita.

Purebred cattle, hogs and sheep prices.

May:

Spring pasture condition report.

June:

Hay and pasture condition report.

July:

1/Condition report of important crops, July 1, with comparisons.

1/General review of crop conditions.

1/Summary of acreage, condition, production and yield of important crops.

August:

Stocks of oats, and barley remaining on farms, August 1.

September:

October:

November:

Corn, stocks on farms, November 1, 1896-1928.

December:

Hay statistics, by kinds and States.

---

* These tables appear each month in "Crops and Markets."

1/ These tables appear in the succeeding issues of "Crops and Markets" for the year.

Pages 24, 46, 86, 88, and 110 purposely left blank.

- oCo -

PRUNUS SALICINA X PRUNUS AMERICANA PUTLAND

PLUMCOT